

| ID | | WBS | Task Name | Contact | Resource Initials | Duration |
|----|--|--------|--|--------------|-------------------|-----------------|
| 0 | | | D0 Grid Production Computing Initiative | ahnlein | | 176 days |
| 1 | | 1 | D0 Grid Production Architecture | AL | | 73 days |
| 2 | | 1.1 | INPUT: Original architecture document v1.2 | AL | AL | 0 days |
| 3 | | 1.2 | High-level Architecture Document: draft - APIs, component responsibilities | AL | ASB,AL | 7 days |
| 4 | | 1.3 | milestone: Draft High-level Architecture Document | AL | AL | 0 days |
| 5 | | 1.4 | High-level Architecture Document: Review | AL,3,RDK,ASB | | 5 days |
| 6 | | 1.5 | High-level Architecture Document: Revised version | AL | AL | 8 days |
| 7 | | 1.6 | High-level Architecture Document: Approval - ASB | AL | RDK | 4 days |
| 8 | | 1.7 | High-level Architecture Document: Approval - VW | AL | RDK | 1 day |
| 9 | | 1.8 | MILE 7: D0 Grid Production Architecture document done | AL | | 0 days |
| 10 | | 2 | Adjust Responsibilities among SamGrid, D0runjob, D0repro, automc tools | GG | | 160 days |
| 11 | | 2.1 | INPUT: Review of D0runjob interface | PM | PM | 0 days |
| 12 | | 2.2 | Decouple D0runjob macro and SamGrid | GG | | 4 days |
| 13 | | 2.2.1 | INPUT: Interface changes documented | GG | PM | 0 days |
| 14 | | 2.2.2 | Decouple D0runjob macro and SamGrid development work | GG | PL | 1 day |
| 15 | | 2.2.3 | Decoupling: MC Job Type: SamGrid Integration | GG | PM | 3 days |
| 16 | | 2.3 | Ability to store output at any stage on demand | GG | | 128 days |
| 17 | | 2.3.1 | Store output from any stage: SamGrid development/integration | GG | PM | 1 day |
| 18 | | 2.3.4 | Store output from any stage: Production-level test | GG | JS | 1 day |
| 19 | | 2.3.5 | MILE 22: Store output from any stage of processing | GG | | 0 days |
| 20 | | 2.4 | Start Prod via SAM Definition from Stage 2 of Prod: v1 | GG | | 30 days |
| 21 | | 2.4.1 | INPUT: Start Prod at Stage 2: D0runjob development | GG | PL | 0 days |
| 22 | | 2.4.2 | Start Prod at Stage 2: SamGrid development/integration | GG | PM | 21 days |
| 23 | | 2.4.3 | Start Prod at Stage 2: Production-level test | GG | JS | 3 days |
| 24 | | 2.4.4 | MILE 2: Start (MC) Production at Stage 2 - Working | GG | | 0 days |
| 25 | | 2.5 | Error Recovery in Phased Processing | GG | | 35 days |
| 26 | | 2.5.1 | Error Recovery: SamGrid development/integration | GG | PM | 1 day |
| 27 | | 2.5.2 | Error Recovery: Production-level test | GG | JS | 5 days |
| 28 | | 2.5.3 | milestone: Error Recovery in Phased Processing | GG | | 0 days |
| 29 | | 2.6 | D0repro tools adapted to use Sam v7 request system | GG | | 128 days |
| 30 | | 2.6.1 | D0repro tools adaptation: First 50% implementation | DW | DW | 40 days |
| 31 | | 2.6.2 | D0repro tools adaptation: Next 40% implementation | DW | DW | 32 days |
| 32 | | 2.6.3 | D0repro tools adaptation: Request impact on SamGrid and/or D0runjob | GG | RDK,GG | 4 days |
| 33 | | 2.6.8 | D0repro tools adaptation: Fix python interface to SAM request system | AL | SS | 12 days |
| 34 | | 2.6.9 | DEFER: D0repro tools adaptation: Final 10% implementation | DW | DW | 0 days |
| 35 | | 2.6.4 | D0repro tools adaptation: Use generic runjob interfaces in Samgrid for data processing App | GG | PM | 14 days |
| 36 | | 2.6.10 | D0repro tools adaptation: Define test dataset | GG | MD | 1 day |
| 37 | | 2.6.5 | DEFER: D0repro tools adaptation: Adjust D0runjob to use request system | GG | PL,PM | 0 days |
| 38 | | 2.6.7 | DEFER - MILE 14: D0repro-tools uses Sam v7 request system | GG | | 0 days |
| 39 | | 2.7 | Resolve how to add production paths in future | GG | | 22 days |
| 40 | | 2.7.1 | Generalization of Job Types according to I/O Characteristics | GG | PM | 19 days |
| 41 | | 2.7.11 | D0repro tools/Generalization changes: Production test | GG | MD | 3 days |

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| 42 | | 2.7.6 | D0repro tools/Generalization changes: MC Production test | GG | JS | 3 days |
| 43 | | 2.7.2 | Resolve how to add production paths in future: Document | GG | PM | 2 days |
| 44 | | 2.7.3 | Resolve how to add production paths in future: D0 Approval | GG | ASB | 1 day |
| 45 | | 2.7.4 | MILE 20: How to add production paths in future - resolved | GG | | 0 days |
| 46 | ✓ | 2.8 | Support testing v7/d0runjob/SamGrid functionality | GG | | 82 days |
| 47 | ✓ | 2.8.1 | Survey current understanding of testing procedures | GG | RDK | 6 days |
| 48 | ✓ | 2.8.2 | D0GPCI FNAL testing meeting | GG | | 1 day |
| 49 | ✓ | 2.8.3 | Testing responsibilities, procedures proposal | GG | GG | 12 days |
| 50 | ✓ | 2.8.4 | Agreement on Component and Integration testing | GG | GG,PL | 8 days |
| 51 | ✓ | 2.8.5 | Evaluate how D0runjob should set up WN environment | GG | AB2 | 4 days |
| 52 | ✓ | 2.8.6 | D0runjob sets up its own environment | GG | PL | 6 days |
| 53 | ✓ | 2.8.7 | Evaluate and sign-off on test facilities and procedures | GG | /,PL,DW,JS | 5 days |
| 54 | ✓ | 2.8.8 | MILE 18: Support testing v7/d0runjob/SamGrid functionality | GG | | 0 days |
| 55 | 📅 | 2.9 | Start Prod via SAM Definition from Stage 2 of Prod: v2 | GG | | 4 days |
| 56 | | 2.9.1 | Start Prod at Stage 2: SamGrid notification=all bug fix | GG | PM | 2 days |
| 57 | | 2.9.2 | Start Prod at Stage 2: Production-level re-test | GG | JS | 2 days |
| 58 | | 2.9.3 | milestone: Start Prod at Stage 2 Ready for Production Release | GG | | 0 days |
| 59 | 📅 | 2.10 | Evaluate Extensions to Development | GG | | 6 days |
| 60 | 📅 | 2.10.1 | D0runjob/SamGrid Decoupling: Skim Job Type | GG | | 0 days |
| 61 | 📅 | 2.10.3 | D0runjob/SamGrid Decoupling: Merge Job Type | GG | | 0 days |
| 62 | 📅 | 2.10.4 | Start Prod via SAM Definition from Stage 3+ of Prod | GG | | 0 days |
| 63 | | 2.10.5 | Fabric interface no longer dependent on Job Type | GG | | 0 days |
| 64 | 📅 | 2.10.6 | All merge code into D0runjob | PL | | 0 days |
| 65 | 📅 | 2.10.7 | Write evaluation of extensions to development | GG | GG | 6 days |
| 66 | | 2.11 | MILE 26: Tools have defined API, testing responsibilities | GG | | 0 days |
| 67 | 📅 | 3 | Transition Operations Support from SamGrid Dev to Run2 Ops | GG,AL | | 165 days |
| 68 | | 3.1 | Operations Documentation | AL | | 156 days |
| 69 | ✓ | 3.1.1 | Data Queues Doc | AL | | 67 days |
| 70 | ✓ | 3.1.1.1 | INPUT: Data Queues Doc: Recent Draft | AL | AB2 | 0 days |
| 71 | ✓ | 3.1.1.2 | Data Queues Doc: Feed-back, update | AL | AB3,AB2 | 5 days |
| 72 | ✓ | 3.1.1.3 | Data Queues Doc: Approve | AL | AL | 5 days |
| 73 | ✓ | 3.1.1.4 | Data Queues Doc: Integrate into SamGrid Documentation | AL | DZ,AL | 1 day |
| 74 | ✓ | 3.1.1.5 | milestone: Data Queues Doc: Completed | AL | | 0 days |
| 75 | ✓ | 3.1.2 | Forwarding Node Installation Doc | AL | | 68 days |
| 76 | ✓ | 3.1.2.1 | INPUT: Fwd Node Install Doc: Recent Draft | AL | DZ | 0 days |
| 77 | ✓📅 | 3.1.2.2 | Fwd Node Install Doc: Hardware prep attempt | AL | SS | 25 days |
| 78 | ✓📅 | 3.1.2.3 | Fwd Node Install Doc: Feed-back | AL | SS | 5 days |
| 79 | ✓ | 3.1.2.4 | Fwd Node Install Doc: Integrate Dehong and Steve's documents | AL | DZ,SS | 5 days |
| 80 | ✓ | 3.1.2.5 | Fwd Node Install Doc: Approve | AL | AL | 1 day |
| 81 | ✓ | 3.1.2.6 | Fwd Node Install Doc: Integrate into SamGrid Installation Manual | AL | DZ | 2 days |
| 82 | ✓ | 3.1.2.7 | milestone: Fwd Node Install Doc: Completed | AL | | 0 days |
| 83 | ✓ | 3.1.3 | Integrating SRM Storage with SAM Doc | GG | | 7 days |

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| 84 | ✓ | 3.1.3.1 | SRM with SAM Doc: Integrate into SamGrid Documentation | GG | AB2 | 7 days |
| 85 | ✓ | 3.1.3.2 | milestone: SRM with SAM Doc: Completed | GG | | 0 days |
| 86 | 📅 | 3.1.4 | Operations Policies Doc | AL | | 111 days |
| 87 | ✓ | 3.1.4.1 | Operations Policies doc: Draft | AL | AL | 1 day |
| 88 | ✓ | 3.1.4.2 | Operations Policies doc: Review | AL | GG,RDK | 5 days |
| 89 | ✓ | 3.1.4.3 | Operations Policies doc: Revised draft | AL | AL | 12 days |
| 90 | ✓ | 3.1.4.4 | Operations Policies doc: Review, agreement | AL | | 7 days |
| 91 | ✓ | 3.1.4.5 | Operations Policies doc: Review version v1.0 | AL | AL | 8 days |
| 92 | ✓ | 3.1.4.8 | Operations Policies doc: Stakeholder Review | AL | RDK | 9 days |
| 93 | | 3.1.4.9 | Operations Policies doc: Release version v1.1 | AL | AL | 7 days |
| 94 | | 3.1.4.6 | Operations Policies doc: Approve - CD, D0 | AL | ASB,RDK | 3 days |
| 95 | | 3.1.4.7 | MILE 13: Grid Production Operations Policies doc done | AL | | 0 days |
| 96 | | 3.1.5 | milestone: Operations Documentation completed | AL | | 0 days |
| 97 | ✓ | 3.2 | Operations Reduction and Transfer Planning | GG,AL | | 68 days |
| 98 | ✓ | 3.2.1 | Current Operations Description | GG | | 33 days |
| 99 | ✓ | 3.2.1.1 | INPUT: Write-up of operations issues | GG | GG | 0 days |
| 100 | ✓ | 3.2.1.2 | Current Operations description: draft - level and causes | GG | GG | 4 days |
| 101 | ✓ | 3.2.1.3 | Current Operations description: Review | GG | PM,RDK,AL | 5 days |
| 102 | ✓ | 3.2.1.4 | Current Operations description: Revised version | GG | GG | 2 days |
| 103 | ✓ | 3.2.1.5 | Current Operations description: Approve | GG | ASB | 1 day |
| 104 | ✓ | 3.2.1.6 | milestone: Current Operations description | GG | | 0 days |
| 105 | ✓ | 3.2.2 | Future Operations Staffing Doc | AL | | 13 days |
| 106 | ✓ | 3.2.2.1 | INPUT: FY08 REX budget determined | RS | RS,AL | 0 days |
| 107 | ✓ | 3.2.2.2 | Future Operations description: draft - acceptable load level and activities | AL | RS,AL | 6 days |
| 108 | ✓ | 3.2.2.3 | Future Operations description: Review | AL | 3,RDK,ASB | 5 days |
| 109 | ✓ | 3.2.2.4 | Future Operations description: Approve | AL | ASB | 2 days |
| 110 | ✓ | 3.2.2.5 | milestone: Future Operations description | AL | | 0 days |
| 111 | ✓ | 3.2.3 | Operations Reduction Plan: "Road To Operations" | GG | | 60 days |
| 112 | ✓ | 3.2.3.1 | INPUT: Operations Reduction plan: Monitoring, Alarms proposal | GG | AB2 | 0 days |
| 113 | ✓ | 3.2.3.2 | Operations Reduction plan: Overall draft | GG | GG | 16 days |
| 114 | ✓ | 3.2.3.3 | Operations Reduction plan: Review | GG | SB,RDK,AL | 5 days |
| 115 | ✓ | 3.2.3.4 | Operations Reduction plan: Revised version | GG | GG,AB2 | 10 days |
| 116 | ✓ | 3.2.3.5 | MILE 4: Operations Reduction plan: Working plan ready | GG | | 0 days |
| 117 | ✓📅 | 3.2.3.6 | Operations Reduction plan: Coordinate w/FEF | GG | GG | 10 days |
| 118 | ✓ | 3.2.3.7 | Operations Reduction plan: Approve - CD, D0 | GG | ASB,RDK | 2 days |
| 119 | ✓📅 | 3.2.3.8 | milestone: Operations Reduction plan completed | GG | | 0 days |
| 120 | ✓ | 3.2.4 | milestone: Operations Reduction and Transfer Planning completed | GG | | 0 days |
| 121 | ✓ | 3.3 | Operations Transfer Execution | GG,AL | | 95 days |
| 122 | ✓📅 | 3.3.1 | Operations Transfer: Phase 1 (Checklist) | GG,AL | | 18 days |
| 123 | ✓ | 3.3.1.1 | SamGrid Requests to Sam Issue Tracker | GG,AL | | 2 days |
| 124 | ✓ | 3.3.1.1.1 | Request SamGrid Users to open tickets | GG,AL | GG | 1 day |
| 125 | ✓ | 3.3.1.1.2 | Inform Sam shifters about handling SamGrid Requests | GG,AL | AL | 1 day |

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| 126 | ✓ | 3.3.1.1.3 | milestone: SamGrid Requests to Sam Issue Tracker | GG,AL | | 0 days |
| 127 | ✓ | 3.3.1.2 | SamGrid Operations Checklist | GG | | 8 days |
| 128 | ✓ | 3.3.1.2.1 | Write-up checklist | GG | PM | 1 day |
| 129 | ✓ | 3.3.1.2.2 | Review checklist | GG | GG,AL | 3 days |
| 130 | ✓ | 3.3.1.2.3 | Revise checklist | GG | PM | 3 days |
| 131 | ✓ | 3.3.1.2.4 | Checklist training, trial run | GG | PM,AL | 0.5 days |
| 132 | ✓ | 3.3.1.2.5 | Fine-tune checklist per feed-back | GG | PM | 0.5 days |
| 133 | ✓ | 3.3.1.2.6 | milestone: SamGrid Operations Checklist Transferred | GG | | 0 days |
| 134 | ✓ | 3.3.1.3 | Adapt Operations Checklist to Ops-oriented Format | AL | AL,GG | 9 days |
| 135 | ✓ | 3.3.1.3.1 | Adapt to Ops-oriented format | AL | AL | 5 days |
| 136 | ✓ | 3.3.1.3.2 | Review, sign-off by GG, AB2 | AL | GG,AB2 | 4 days |
| 137 | ✓ | 3.3.1.3.3 | milestone: Adapt Operations Checklist to Ops-oriented Format | AL | | 0 days |
| 138 | ✓ | 3.3.1.4 | MILE 3: Manual Checklist - Phase 1/4 of Ops Transfer done | GG,AL | | 0 days |
| 139 | ✓ | 3.3.2 | Operations Transfer: Phase 2 (Fwd Nodes, Stations) | GG,AL | | 15 days |
| 140 | ✓ | 3.3.2.1 | REX Ops co-performs ops tasks with SamGrid Dev (Level of Effort) | GG,AL | DEV,REX | 15 days |
| 141 | ✓ | 3.3.2.2 | Topical Operations Training and Docs as requested by REX ops (Level of Effort) | GG,AL | DEV,REX | 15 days |
| 142 | ✓ | 3.3.2.3 | MILE 5: Fwd Nodes - Phase 2/4 of Ops Transfer done | GG,AL | | 0 days |
| 143 | ✓ | 3.3.3 | Operations Transfer: Phase 3 (Durable Locations, Queueing Nodes) | GG,AL | | 15 days |
| 144 | ✓ | 3.3.3.1 | REX Ops co-performs ops tasks with SamGrid Dev (Level of Effort) | GG,AL | DEV,REX | 15 days |
| 145 | ✓ | 3.3.3.2 | Topical Operations Training and Docs as requested by REX ops (Level of Effort) | GG,AL | DEV,REX | 15 days |
| 146 | ✓ | 3.3.3.3 | MILE 10: Queuing,Durable Nodes - Phase 3/4 of Ops Transfer done | GG,AL | | 0 days |
| 147 | ✓ | 3.3.4 | Operations Transfer: Phase 4 (Jim Client, plus all else) | GG,AL | | 15 days |
| 148 | ✓ | 3.3.4.1 | REX Ops co-performs ops tasks with SamGrid Dev (Level of Effort) | GG,AL | DEV,REX | 15 days |
| 149 | ✓ | 3.3.4.2 | Topical Operations Training and Docs as requested by REX ops (Level of Effort) | GG,AL | DEV,REX | 15 days |
| 150 | ✓ | 3.3.4.3 | MILE 21: Jim_Client+ - Phase 4/4 of Ops Transfer done | GG,AL | | 0 days |
| 151 | ✓ | 3.3.5 | milestone: Operations Transfer nominally completed | GG,AL | | 0 days |
| 152 | ✓ | 3.4 | VDT Version Migration | GG | | 63 days |
| 153 | ✓ | 3.4.1 | New VDT: VDT-oriented Testbed setup | GG | PM | 8 days |
| 154 | ✓ | 3.4.2 | New VDT: VDT-oriented Testbed resetup | GG | PM | 2 days |
| 155 | ✓ | 3.4.3 | New VDT: software adaptation and deployment | GG | PM | 26 days |
| 156 | ✓ | 3.4.5 | MILE 9: SamGrid migrated to new VDT version | GG | | 0 days |
| 157 | ✓ | 3.5 | Operations Reduction Execution: "Road To Operations" | GG | | 120 days |
| 158 | ✓ | 3.5.1 | Reinstall key machines with standard configuration | GG | | 120 days |
| 159 | ✓ | 3.5.1.1 | Reach agreement among groups involved (by Sep 14) | GG | GG,AL | 8 days |
| 160 | ✓ | 3.5.1.2 | Reinstall Forwarding Nodes with standard configuration | GG,AL | | 112 days |
| 161 | ✓ | 3.5.1.2.1 | Define standard fwd node machine configuration | GG | PM | 2 days |
| 162 | ✓ | 3.5.1.2.2 | Reinstall Forwarding Nodes: Oct 22- Nov 20 | GG | | 110 days |
| 163 | ✓ | 3.5.1.2.2.1 | Admins procure HW parts for all fwd nodes | GG | FEF | 16 days |
| 164 | ✓ | 3.5.1.2.2.2 | Reinstall Forwarding Node 1 (w/Sam Station) | GG | | 20 days |
| 165 | ✓ | 3.5.1.2.2.2.1 | Admins configure candidate fwd node (by Oct 22) | GG | FEF | 5 days |
| 166 | ✓ | 3.5.1.2.2.2.2 | Developers install and test candidate fwd node (by Fri Oct 26) | GG | PM | 3 days |
| 167 | ✓ | 3.5.1.2.2.2.4 | Adjust current software to use standard location as default | GG | PM | 1 day |

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| 168 | ✓ | 3.5.1.2.2.2.3 | Adjust current installation instructions | GG | PM | 1 day |
| 169 | ✓ | 3.5.1.2.2.2.5 | REX ops re-installs on candidate machine | AL | SS | 1 day |
| 170 | ✓ | 3.5.1.2.2.2.7 | Admins and REX ops configure production fwd node | AL | FEF,SS | 1 day |
| 171 | ✓ | 3.5.1.2.2.2.6 | Switch candidate machine and d0srv047 (fwd + station) (Nov 6) | AL | SS | 1 day |
| 172 | ✓ | 3.5.1.2.2.2.9 | Diagnose, resolve, document 32-bit/64-bit compatibility issues | GG,AL | PM,SS | 4 days |
| 173 | ✓ | 3.5.1.2.2.2.8 | MILE 11: Forwarding Node w/Sam Station Reinstalled with std config | GG | | 0 days |
| 174 | ✓ | 3.5.1.2.2.3 | INPUT: Test of fail-over in production environment | GG | PM | 0 days |
| 175 | ✓ | 3.5.1.2.2.4 | Reinstall Forwarding Node 2 | AL | | 28 days |
| 176 | ✓ | 3.5.1.2.2.4.1 | REX ops drains and take production fwd node offline (d0srv15): NO-OP | AL | SS | 1 day |
| 177 | ✓ | 3.5.1.2.2.4.2 | REX ops installs software on new production fwd node (samgfwd02) | AL | SS | 2 days |
| 178 | ✓ | 3.5.1.2.2.4.6 | REX ops tests new production fwd node (samgfwd02) | AL | SS | 5 days |
| 179 | ✓ | 3.5.1.2.2.4.7 | Rex ops and SamGrid Dev resolve perl/VDT issues revealed in fwd node test | AL | SS,PM | 8 days |
| 180 | ✓ | 3.5.1.2.2.4.8 | REX ops retests new production fwd node (samgfwd02) | AL | SS | 6 days |
| 181 | ✓ | 3.5.1.2.2.4.3 | Put new fwd node in production, drain old node (samgfwd02, old: d0srv15) | AL | SS | 1 day |
| 182 | ✓ | 3.5.1.2.2.4.5 | milestone: verified fwd node configuration and procedure | AL | | 0 days |
| 183 | | 3.5.1.2.2.5 | Reinstall Forwarding Node 3 | AL | | 19 days |
| 184 | ✓ | 3.5.1.2.2.5.2 | REX ops installs software on new production fwd node (samgfwd03) | AL | SS | 1 day |
| 185 | ✓ | 3.5.1.2.2.5.5 | REX ops tests new production fwd node (samgfwd03) | AL | SS | 2 days |
| 186 | | 3.5.1.2.2.5.7 | REX ops follows up on samgfwd03 stability concerns with FEF | AL | SS | 11 days |
| 187 | | 3.5.1.2.2.5.8 | REX ops re-installs software on Fwd Node 3 | AL | SS | 1 day |
| 188 | | 3.5.1.2.2.5.9 | REX ops re-tests Fwd Node 3 | AL | SS | 2 days |
| 189 | | 3.5.1.2.2.5.3 | Put new fwd node in production, drain old node (samgfwd03, old: d0srv66) | AL | SS | 2 days |
| 190 | | 3.5.1.2.2.7 | MILE 15: OSG Fwd nodes reinstalled with std config | GG | | 0 days |
| 191 | ✓ | 3.5.1.2.2.8 | Organize activities to prepare for LCG fwd node migration | GG | GG | 13 days |
| 192 | | 3.5.1.2.2.10 | Reinstall LCG/UK Forwarding Node | AL | | 8 days |
| 193 | | 3.5.1.2.2.10.5 | Site ops drains and take production fwd node offline | AL | LCG | 3 days |
| 194 | | 3.5.1.2.2.10.6 | REX ops installs software on LCG/UK fwd node | AL | SS | 2 days |
| 195 | | 3.5.1.2.2.10.7 | REX ops puts LCG/UK fwd node back into system | AL | SS | 1 day |
| 196 | | 3.5.1.2.2.10.8 | Site and REX ops configure production LCG/UK fwd node | AL | SS,LCG | 2 days |
| 197 | | 3.5.1.2.2.10.9 | milestone: LCG/UK Forwarding Node reinstalled with std config | AL | | 0 days |
| 198 | | 3.5.1.2.2.11 | Reinstall LCG/Germany Forwarding Node | AL | | 9 days |
| 199 | | 3.5.1.2.2.11.15 | Site ops drains and take production fwd node offline | AL | LCG | 4 days |
| 200 | | 3.5.1.2.2.11.16 | REX ops installs software on LCG/Germany fwd node | AL | SS | 2 days |
| 201 | | 3.5.1.2.2.11.17 | REX ops puts LCG/Germany fwd node back into system | AL | SS | 1 day |
| 202 | | 3.5.1.2.2.11.18 | Site and REX ops configure production LCG/Germany fwd node | AL | SS,LCG | 2 days |
| 203 | | 3.5.1.2.2.11.19 | milestone: LCG/Germany Forwarding Node reinstalled with std config | AL | | 0 days |
| 204 | | 3.5.1.2.3 | milestone: Forwarding nodes reinstalled with standard configuration | GG | | 0 days |
| 205 | ✓ | 3.5.1.3 | Reinstall Queuing Node with standard configuration | GG,AL | | 70 days |
| 206 | ✓ | 3.5.1.3.1 | Define standard queuing node machine configuration | GG | PM | 5 days |
| 207 | ✓ | 3.5.1.3.2 | Reinstall Queuing Node: Oct 19 - Nov 6 | GG | | 21 days |
| 208 | ✓ | 3.5.1.3.2.1 | Admins procure HW parts for samgrid-like node (job queuing, broker, web server) | GG | FEF | 12 days |
| 209 | ✓ | 3.5.1.3.2.2 | Admins configure test instance of samgrid-like node | GG | FGS | 2 days |

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| 210 | ✓ | 3.5.1.3.2.3 | Developers install and test samgrid-like node (by Wed Nov 7) | GG | PM | 2 days |
| 211 | ✓ | 3.5.1.3.2.4 | Adjust current installation instructions | GG | PM | 1 day |
| 212 | ✓ | 3.5.1.3.2.5 | Adjust current software to use standard location as default | GG | PM | 1 day |
| 213 | ✓ | 3.5.1.3.2.6 | Admins configure production samgrid-like node | AL | FGS | 1 day |
| 214 | ✓ | 3.5.1.3.2.7 | REX ops installs queuing software on production samgrid-like node | AL | SS | 1 day |
| 215 | ✓ | 3.5.1.3.2.9 | Dev ops installs web server software on production samgrid-like node | AL | PM | 1 day |
| 216 | ✓ | 3.5.1.3.2.8 | REX ops integrates new samgrid-like node into production system | AL | | 1 day |
| 217 | ✓ | 3.5.1.3.2.8.1 | Replace samgrid.fnal.gov (Dec 4 downtime, prefer Nov 6 downtime) | AL | SS | 1 day |
| 218 | ✓ | 3.5.1.3.3 | MILE 12: Queuing node reinstalled with std config | GG | | 0 days |
| 219 | ✓ | 3.5.1.3.4 | Diagnose job history incompatibility issues and create migration plan | GG | PM,GG | 3 days |
| 220 | ✓ | 3.5.1.3.11 | Prepare for migration from mixed old/new samgrid nodes to new node use only | GG | PM,GG | 5 days |
| 221 | ✓ | 3.5.1.3.5 | Migrate MC Prod from mixed old/new samgrid nodes to new node use only | GG | JS | 23 days |
| 222 | ✓ | 3.5.1.3.6 | Migrate Prod from mixed old/new samgrid nodes to new node use only | GG | MD | 7 days |
| 223 | ✓ | 3.5.1.3.12 | Turn off old samgrid.fnal.gov (samgsrv1) - warn,do,check | GG | GG | 6 days |
| 224 | ✓ | 3.5.1.3.8 | milestone: Migration to exclusive use of new samgrid node completed | GG | | 0 days |
| 225 | ✓ | 3.5.1.4 | Reinstall Durable Locations with standard configuration | GG,AL | | 13 days |
| 226 | ✓ | 3.5.1.4.1 | Define standard durable location machine configuration | GG | PM | 9 days |
| 227 | ✓ | 3.5.1.4.2 | Reinstall Durable Locations: Nov 9 - Nov 28 | GG | | 4 days |
| 228 | ✓ | 3.5.1.4.2.1 | MOOT: Admins procure HW parts(?) for test instance of durable location node | GG | FEF | 0 days |
| 229 | ✓ | 3.5.1.4.2.2 | MOOT: Admins configure test instance of durable location node (by Fri Nov 9) | GG | FEF | 0 days |
| 230 | ✓ | 3.5.1.4.2.3 | MOOT: Developers install and test durable location node (by Fri Nov 23) | GG | PM | 0 days |
| 231 | ✓ | 3.5.1.4.2.4 | Durable Locations: Adjust current installation instructions | GG | PM | 1 day |
| 232 | ✓ | 3.5.1.4.2.5 | MOOT: Adjust current software to use standard location as default | GG | PM | 0 days |
| 233 | ✓ | 3.5.1.4.2.6 | MOOT: REX ops re-installs on test machine | AL | SS | 0 days |
| 234 | ✓ | 3.5.1.4.2.7 | REX ops reconfigures existing durable locations | AL | | 0 days |
| 235 | ✓ | 3.5.1.4.2.7.1 | MOOT: Stop tmb upload to d0srv063; REX ops reinstalls durable location | AL | SS | 0 days |
| 236 | ✓ | 3.5.1.4.2.7.2 | MOOT: Stop tmb upload to d0srv065; REX ops reinstalls durable location | AL | SS | 0 days |
| 237 | ✓ | 3.5.1.4.3 | MILE 17: Durable Locations reinstalled with std config | GG | | 0 days |
| 238 | | 3.5.1.5 | milestone: Standard configuration defined and key machines reinstalled | GG | | 0 days |
| 239 | | 3.5.8 | Create SamGrid Test Stand | AL | | 15 days |
| 240 | | 3.5.8.7 | REX ops and Run2Sys agree on/setup hardware config of test stand nodes | AL | SS | 6 days |
| 241 | | 3.5.8.1 | REX ops installs software on test fwd node (d0srv15) | AL | SS | 1 day |
| 242 | | 3.5.8.2 | Admins fix disk on test queue node (old samgrid) | AL | FEF | 10 days |
| 243 | | 3.5.8.5 | REX ops installs software on test queue node (old samgrid) | AL | SS | 1 day |
| 244 | | 3.5.8.6 | REX ops installs durable locations test machine | AL | SS | 1 day |
| 245 | | 3.5.8.3 | Trial use of SamGrid test stand | AL | SS | 2 days |
| 246 | | 3.5.8.4 | milestone: SamGrid test stand completed | AL | | 0 days |
| 247 | | 3.5.2 | Automate routine maintenance operations | GG | | 32 days |
| 248 | | 3.5.2.1 | Automatic clean up of job queues | GG | | 32 days |
| 249 | ✓ | 3.5.2.1.5 | Dev tools to auto-clean up OSG job queue in samgrid_util (Forwarding Nodes) | GG | PM | 2 days |
| 250 | ✓ | 3.5.2.1.2 | Deploy/observe tools for auto-clean up of OSG job queue (Fwd Nodes 1,2 re-installed) | GG | PM,SS | 4 days |
| 251 | | 3.5.2.1.3 | Dev tools to auto-clean up SamGrid job queue in samgrid_util (Queuing Node) | GG | PM | 2 days |

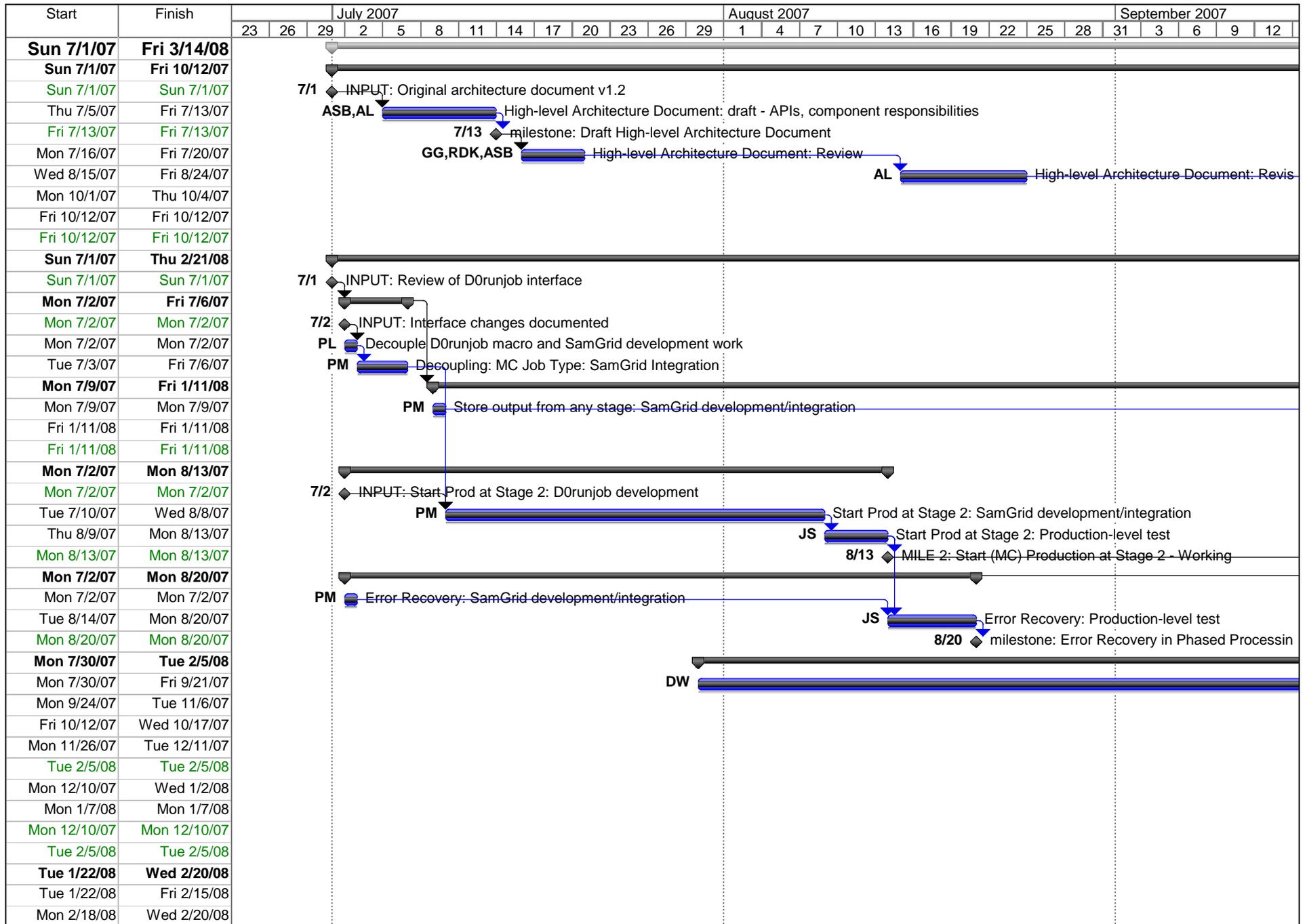
| ID | | WBS | Task Name | Contact | Resource Initials | Duration |
|-----|--|------------------|---|-----------|-------------------|----------------|
| 252 | | 3.5.2.1.4 | Deploy/observe tools for auto-clean up of SamGrid job queue | GG | PM,SS | 3 days |
| 253 | | 3.5.2.1.8 | Deploy/observe tools for auto-clean up of OSG job queue (Fwd Node 3 re-installed) | GG | SS | 3 days |
| 254 | | 3.5.2.2 | Automatic clean-up of disk areas | GG | | 21 days |
| 255 | | 3.5.2.2.1 | Resolve: Globus gatekeeper does not properly cleanup gass caches | GG | PM | 1 day |
| 256 | | 3.5.2.2.2 | Periodically clean up gram log files at fwd nodes and exec sites | GG | PM | 1 day |
| 257 | | 3.5.2.2.3 | Clean up sandboxes and jim_tmp areas at fwd node | GG | PM | 1 day |
| 258 | | 3.5.2.2.4 | Clean up non-rotated log files (eg. Tomcat) | GG | PM | 7 days |
| 259 | | 3.5.2.3 | Automation of all gridmap file management (including condor_schedd) | GG | PM | 3 days |
| 260 | | 3.5.2.4 | Simplify maintenance of automatic clean-up scripts for durable locations | GG | AB2 | 5 days |
| 261 | | 3.5.2.5 | Add the deployment of scripts to installation instructions | GG | PM | 1 day |
| 262 | | 3.5.2.7 | MILE 23: Routine maintenance operations automated | GG | | 0 days |
| 263 | | 3.5.4 | Automatic handling of job log files | GG | | 94 days |
| 264 | | 3.5.4.1 | Reduce size of output sandbox | GG | AB2 | 1 day |
| 265 | | 3.5.4.2 | Make output sandbox space management more robust | GG | AB2 | 1 day |
| 266 | | 3.5.4.3 | Transfer output sandbox selection logic to Runjob: Initial Pass | GG | PL | 20 days |
| 267 | | 3.5.4.8 | Transfer output sandbox selection logic to Runjob: Test, add old/new support | GG | AB2 | 8 days |
| 268 | | 3.5.4.10 | Transfer output sandbox selection logic to Runjob: Final testing | GG | AB2 | 10 days |
| 269 | | 3.5.4.11 | milestone: Automated handling of job log files | GG | | 0 days |
| 270 | | 3.5.4.9 | Logfile Access Tools | | | 23 days |
| 271 | | 3.5.4.9.1 | Specify tools for accessing old logfiles | GG | MD | 5 days |
| 272 | | 3.5.4.9.2 | Provide tools (to MD) for accessing old logfiles | GG | AB2 | 6 days |
| 273 | | 3.5.4.9.3 | Test logfile access tools | GG | MD | 5 days |
| 274 | | 3.5.4.9.4 | Revise tools given customer feedback | GG | AB2 | 2 days |
| 275 | | 3.5.5 | Automate system health alarms | GG | | 92 days |
| 276 | | 3.5.5.1 | NGOP central service | GG | | 66 days |
| 277 | | 3.5.5.1.1 | Define hardware | GG | AB2 | 1 day |
| 278 | | 3.5.5.1.2 | Install basic NGOP server | GG | AB2 | 1 day |
| 279 | | 3.5.5.1.4 | Deploy and test best schema as depicted | GG | AB2 | 1 day |
| 280 | | 3.5.5.1.5 | Understand SAM-Grid representation requirements: Dev part | AL | AB2 | 5 days |
| 281 | | 3.5.5.1.6 | Understand SAM-Grid representation requirements: Ops part | AL | RH | 5 days |
| 282 | | 3.5.5.1.9 | Static NGOP configuration approach (instead of automated) | AL | AB2,REX | 8 days |
| 283 | | 3.5.5.1.8 | milestone: NGOP central service prepared | GG | | 0 days |
| 284 | | 3.5.5.2 | Samgrid_mon | GG | | 19 days |
| 285 | | 3.5.5.2.1 | Develop persistent environment for repetitive task execution | GG | AB2 | 10 days |
| 286 | | 3.5.5.2.2 | Develop converter between SamGrid config and next-gen cron | GG | AB2 | 5 days |
| 287 | | 3.5.5.2.4 | Store duplicate configuration of fwd node | GG | AB2 | 1 day |
| 288 | | 3.5.5.2.5 | Accept existing configuration of fwd node | GG | AB2 | 1 day |
| 289 | | 3.5.5.2.6 | Dispatch list of monitoring agents periodically, collect statuses | GG | AB2 | 1 day |
| 290 | | 3.5.5.2.7 | Create distributable UPD package | GG | AB2 | 1 day |
| 291 | | 3.5.5.2.8 | milestone: Samgrid_mon developed | GG | | 0 days |
| 292 | | 3.5.5.3 | Develop monitoring scripts | GG | | 13 days |
| 293 | | 3.5.5.3.1 | Develop generic scripts for Gridftp and Fcp monitoring | GG | AB2 | 1 day |

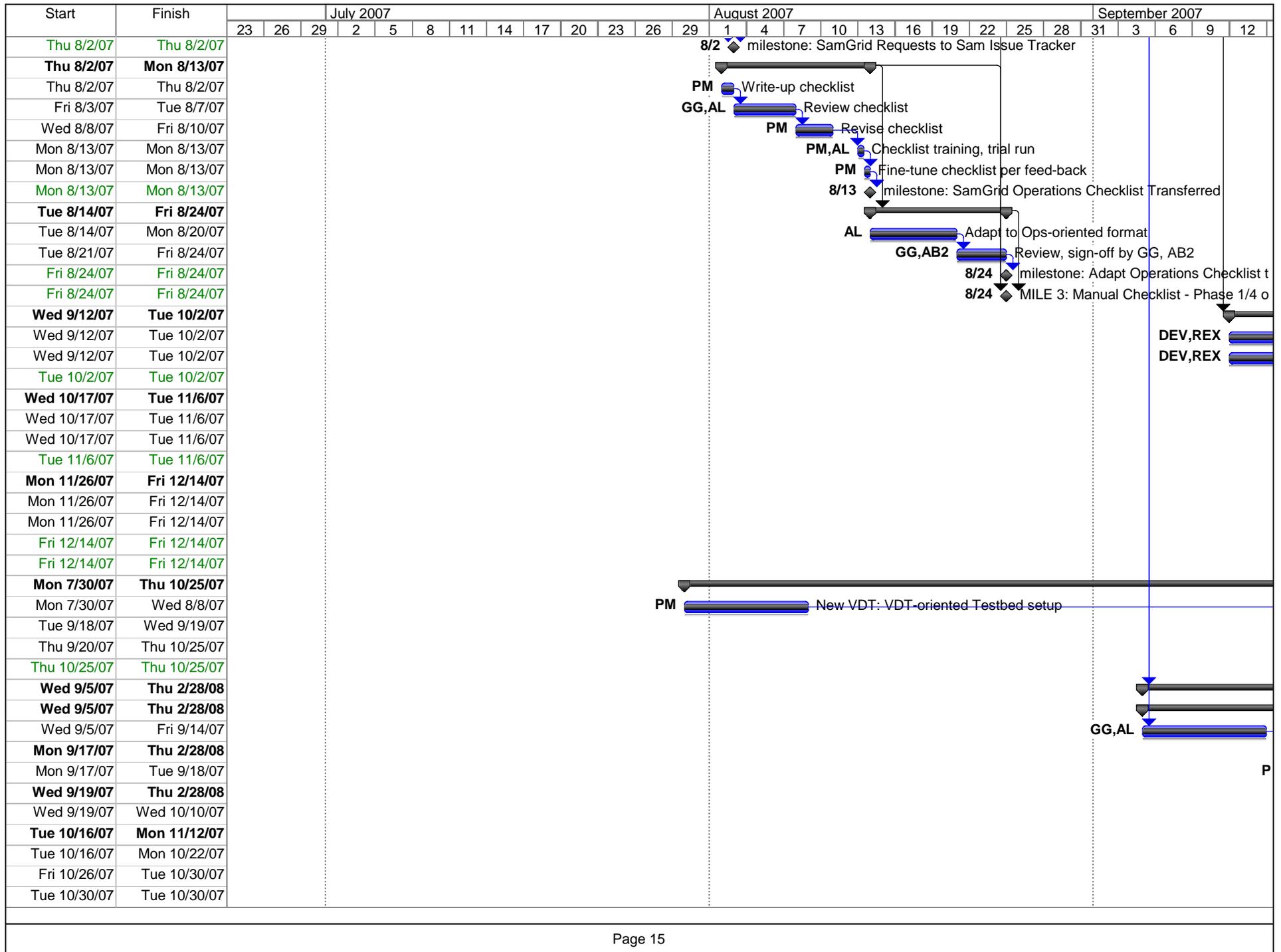
| ID | | WBS | Task Name | Contact | Resource Initials | Duration |
|-----|---|-----------|--|-------------|-------------------|----------|
| 294 | ✓ | 3.5.5.3.3 | Data Nodes: Stager, Durable location, caches, Gridftp, Fcp | GG | AB2 | 6 days |
| 295 | ✓ | 3.5.5.3.2 | Forwarding Node: Gridftp, Fcp, Jim_advertise, XML db, Sandbox, opt. sched. component | GG | AB2 | 6 days |
| 296 | ✓ | 3.5.5.3.4 | milestone: Monitoring scripts developed | GG | | 0 days |
| 297 | ✓ | 3.5.5.5 | Assess automation of alarming systems | GG | AB2 | 2 days |
| 298 | ✓ | 3.5.5.6 | Integration deployment and testing | GG | AB2 | 4 days |
| 299 | ✓ | 3.5.5.7 | Documentation Initiation | GG | AB2 | 5 days |
| 300 | ✓ | 3.5.5.4 | MILE 19: System health alarms deployed via NGOP with static config | GG | | 0 days |
| 301 | ✓ | 3.5.5.12 | Generate NGOP agents from set of monitoring scripts and config | GG | AB2 | 2 days |
| 302 | ✓ | 3.5.5.14 | Documentation Completion | GG | AB2 | 18 days |
| 303 | ✓ | 3.5.5.15 | Create NGOP config baseline, support process, training | AL | AL,AB2 | 10 days |
| 304 | ✓ | 3.5.5.8 | milestone: System health alarms via NGOP with sustainable process | GG | | 0 days |
| 305 | ✓ | 3.5.6 | Improve system testing infrastructure | GG | | 3 days |
| 306 | ✓ | 3.5.6.1 | Simplify running test jobs | GG | | 3 days |
| 307 | ✓ | 3.5.6.1.1 | Create test parameters for all job types | GG | AB2 | 1 day |
| 308 | ✓ | 3.5.6.1.2 | Create and distribute JDL templates with test parameters | GG | AB2 | 1 day |
| 309 | ✓ | 3.5.6.1.3 | Write testing instructions | GG | AB2 | 1 day |
| 310 | ✓ | 3.5.6.1.4 | milestone: Running test jobs simplified per request | GG | | 0 days |
| 311 | | 3.5.7 | milestone: End of the Road to Operations | GG | | 0 days |
| 312 | ✓ | 3.7 | Other Operations-related Fixes and Upgrades | GG | | 108 days |
| 313 | ✓ | 3.7.1 | Clarify D0 certificate approval process, personnel | GG | GG | 5 days |
| 314 | ✓ | 3.7.5 | Investigate "Immortal Jobs" Operations Issue | GG | | 0 days |
| 315 | | 3.8 | MILE 27: Close-out of Ops Reduction/Transfer completed | GG | | 0 days |
| 316 | | 4 | D0 Primary Production on Fermigrid | MD | | 166 days |
| 317 | ✓ | 4.1 | Initial Commissioning | MD | | 9 days |
| 318 | ✓ | 4.1.1 | INPUT: Attempt to run D0 Primary Production on FermiGrid | MD | MD | 0 days |
| 319 | ✓ | 4.1.2 | OSG/Fermigrid Resource Selection Meeting | MD | MD | 0.5 days |
| 320 | ✓ | 4.1.3 | Config D0Production role: Fermigrid, GUMS, CAB, PBS, etc. | ST,FEF | MD | 6 days |
| 321 | ✓ | 4.1.4 | Run D0 Primary Prod via D0Production role | MD | MD | 1 day |
| 322 | ✓ | 4.1.5 | MILE 1: D0 Primary Production Runnable on Fermigrid | MD | | 0 days |
| 323 | ✓ | 4.2 | D0PPF Commissioning Evaluation Meeting | RDK | | 1 day |
| 324 | | 4.3 | Stable Operations | MD | | 127 days |
| 325 | ✓ | 4.3.1 | Commissioning Follow-up | MD | | 9 days |
| 326 | ✓ | 4.3.1.1 | Fix d0srv065 storage issues | MD | MD | 3 days |
| 327 | ✓ | 4.3.1.2 | Run D0 Primary Prod to verify storage fix | MD | MD | 3 days |
| 328 | ✓ | 4.3.1.3 | Scale-up D0 Primary Prod to 200 nodes | MD | MD | 3 days |
| 329 | ✓ | 4.3.1.4 | milestone: D0PPF Stable Ops: Commissioning follow-up completed | MD | MD | 0 days |
| 330 | | 4.3.2 | Management Processes and Documentation | MD | | 101 days |
| 331 | ✓ | 4.3.2.1 | Implement Change Management for feature requests using SAM IssueTracker | MD | | 1 day |
| 332 | ✓ | 4.3.2.2 | Establish service level for stable operations and implications on system config | MD,GG,PM,JS | | 5 days |
| 333 | ✓ | 4.3.2.3 | Grid Production System workflow/dataflow diagram - draft | RDK | RDK | 3 days |
| 334 | ✓ | 4.3.2.4 | Grid Production System info on diagram: node roles, software, maintainers | RDK | RDK,AB2 | 2.5 days |
| 335 | ✓ | 4.3.2.8 | Grid Production System workflow/dataflow diagram - final | RDK | RDK | 5 days |

| ID | | WBS | Task Name | Contact | Resource Initials | Duration |
|-----|--|--------------|--|------------|-------------------|-----------------|
| 336 | | 4.3.2.5 | Open Science Enclave baseline security plan - implications on SamGrid, CAB | MD | MD,GG,FEF | 20 days |
| 337 | | 4.3.2.7 | milestone: D0PPF Stable Ops: Management Processes and Documentation done | MD | | 0 days |
| 338 | | 4.3.3 | System Monitoring | MD | | 127 days |
| 339 | | 4.3.3.1 | CAB web monitoring infrastructure upgrade | RDK | FEF | 18 days |
| 340 | | 4.3.3.5 | CAB web monitoring changes requested by MD,JS | RDK | FEF | 20 days |
| 341 | | 4.3.3.4 | milestone: D0PPF Stable Ops: System Monitoring done | MD | | 0 days |
| 342 | | 4.3.4 | Specific System Services Issues | MD | | 70 days |
| 343 | | 4.3.4.1 | Allow access by MD to dir/files on CAB owned by dzero (suggested: get root access) | MD | MD | 14 days |
| 344 | | 4.3.4.2 | JIM production release consistent with d0runjob v7-7-3 and higher | MD | MD | 14 days |
| 345 | | 4.3.4.3 | Evaluate use of ReSS (more flexible than use of roles) | GG | GG | 28 days |
| 346 | | 4.3.4.5 | Determine in detail how to adapt to use ReSS in D0GPCI | GG | GG | 13 days |
| 347 | | 4.3.4.6 | Implement SAM-Grid mechanism to forward user's job scheduler requirements to sites | GG | PM | 6 days |
| 348 | | 4.3.4.4 | milestone: D0PPF Stable Ops: Specific System Services done | MD | | 0 days |
| 349 | | 4.3.5 | General System Services Issues (Road to Operations) | GG | | 110 days |
| 350 | | 4.3.5.1 | INPUT: (3.5.1) Standardize file system layout on SamGrid nodes | GG | | 0 days |
| 351 | | 4.3.5.2 | INPUT: (3.5.1) Get all nodes governing operation in a consistent, known state | GG | | 0 days |
| 352 | | 4.3.5.3 | INPUT: (3.5.4) Evaluate how to reduce bandwidth consumed by moving logs | GG | | 0 days |
| 353 | | 4.3.5.4 | INPUT: (3.5.4) Make Custom output support smarter, use compression | GG | AB2 | 0 days |
| 354 | | 4.3.5.5 | INPUT: (3.5.4) Migrate Custom output support from SAM wrapper to D0runjob | GG | | 0 days |
| 355 | | 4.3.5.6 | INPUT: (3.5.4) Implement a logfile archive node | GG | | 0 days |
| 356 | | 4.3.5.7 | milestone: D0PPF Stable Ops: General System Services done | GG | | 0 days |
| 357 | | 4.4 | D0PPF Operations Evaluation Meeting | RDK | | 1 day |
| 358 | | 4.7 | MILE 28: D0 Primary Production Stable on Fermigrid | MD | | 0 days |
| 359 | | 5 | Extend Grid Production System Functionality | GG | | 83 days |
| 360 | | 5.1 | Forwarding Node Behind Firewall | GG | | 5 days |
| 361 | | 5.1.1 | Forwarding Node Behind Firewall: Evaluate, determine best course of action | GG | AB2 | 5 days |
| 362 | | 5.2 | Minimal Resource Brokering | GG | | 20 days |
| 363 | | 5.2.1 | Minimal Resource Brokering: Evaluate, determine best course of action | GG | GG | 20 days |
| 364 | | 5.3 | MILE 16: Grid Production System functionality completed | GG | | 0 days |
| 365 | | 6 | Preparation of D0 Apps for Long-term | ASB | | 82 days |
| 366 | | 6.1 | Skimming | HG | | 0 days |
| 367 | | 6.1.1 | Productize Skimming | RDK | | 0 days |
| 368 | | 6.2 | CAF Trees | | | 0 days |
| 369 | | 6.2.1 | Productize CAF Tree generation | RDK | | 0 days |
| 370 | | 6.3 | Raw2Sim | | | 0 days |
| 371 | | 6.3.1 | Productize Raw2Sim | RDK | | 0 days |
| 372 | | 6.4 | AADST | | | 77 days |
| 373 | | 6.4.1 | Productize AADST | RDK | | 0 days |
| 374 | | 6.4.3 | Enable data migration to SAM storage | AL | AL | 2 days |
| 375 | | 6.4.4 | Track data migration to SAM storage | AL | AL | 62 days |
| 376 | | 6.4.5 | Perform data migration to SAM storage | AL | D0 | 72 days |
| 377 | | 6.8 | Write recommendations for productization of D0 Apps | RDK | RDK | 5 days |

| ID | | WBS | Task Name | Contact | Resource Initials | Duration |
|-----|--|---------|--|---------|-------------------|--------------------|
| 378 | | 6.5 | MILE 24: Preparation of D0 Apps for long-term | ASB | | 0 days |
| 379 | | 7 | Evaluation of D0 SamGrid Requests | RDK | | 84 days |
| 380 | | 7.1 | Reco | | | 0 days |
| 381 | | 7.1.1 | EVAL: Ability to merge more than 1 stream from Reco | RDK | | 0 days |
| 382 | | 7.2 | MC Production | | | 0 days |
| 383 | | 7.2.1 | EVAL: Ability to run TrigSim in MC Production | RDK | | 0 days |
| 384 | | 7.3 | Skimming | | | 0 days |
| 385 | | 7.3.1 | EVAL: Skimming in Production | RDK | | 0 days |
| 386 | | 7.4 | EVAL: Fixing | | | 0 days |
| 387 | | 7.5 | Raw2Sim | | | 0 days |
| 388 | | 7.5.1 | EVAL: Run raw2sim on minbias files | RDK | | 0 days |
| 389 | | 7.6 | Reco-cert | | | 77 days |
| 390 | | 7.6.1 | EVAL: Merging of reco-cert files | RDK | | 0 days |
| 391 | | 7.6.2 | Stand-alone production of reco-cert output on SamGrid | | | 9 days |
| 392 | | 7.6.2.1 | Develop WBS for implementing S/A Recocert on SamGrid | RDK | RDK | 9 days |
| 393 | | 7.7 | CAF Trees | | | 0 days |
| 394 | | 7.7.1 | EVAL: CAF Trees from Production | RDK | | 0 days |
| 395 | | 7.8 | EVAL: MC CAF Trees | RDK | | 0 days |
| 396 | | 7.9 | EVAL: AADST | RDK | | 0 days |
| 397 | | 7.10 | EVAL: Grid Analysis | RDK | | 0 days |
| 398 | | 7.12 | Evaluate remaining D0 SamGrid Requests | RDK | | 84 days |
| 399 | | 7.12.2 | Develop generic WBS for adapting D0 Apps to Grid Production | RDK | RDK | 9 days |
| 400 | | 7.12.3 | Create form to capture D0 App requirements, workflow, use patterns | RDK | RDK | 5 days |
| 401 | | 7.12.4 | Create maintainable list of known portability issues for D0 Apps on Grid | RDK | RDK | 5 days |
| 402 | | 7.12.1 | Draft evaluation of requests based on generic WBS | RDK | RDK | 5 days |
| 403 | | 7.12.8 | D0 SamGrid Requests Evaluation: Meet w/D0 Spokes and Vicky White | RDK | | 0 days |
| 404 | | 7.12.9 | Final evaluation of requests based on generic WBS | RDK | RDK | 3 days |
| 405 | | 7.12.5 | D0 SamGrid Requests Evaluation: Review | RDK | | 5 days |
| 406 | | 7.12.6 | D0 SamGrid Requests Evaluation: Revision | RDK | RDK | 1 day |
| 407 | | 7.12.7 | D0 SamGrid Requests Evaluation: Approval | RDK | | 1 day |
| 408 | | 7.11 | MILE 25: Evaluation of D0 SamGrid Requests done | RDK | | 0 days |
| 409 | | 8 | Project Management | RDK | | 176 days |
| 410 | | 8.1 | INPUT: Draft Preliminary High-level WBS | RDK | RDK | 0 days |
| 411 | | 8.2 | Initiative Coordination Meeting | RDK | | 161.13 days |
| 412 | | 8.2.1 | Initiative Coordination Meeting 1 | RDK | | 1 hr |
| 413 | | 8.2.2 | Initiative Coordination Meeting 2 | RDK | | 1 hr |
| 414 | | 8.2.3 | Initiative Coordination Meeting 3 | RDK | | 1 hr |
| 415 | | 8.2.4 | Initiative Coordination Meeting 4 | RDK | | 1 hr |
| 416 | | 8.2.5 | Initiative Coordination Meeting 5 | RDK | | 1 hr |
| 417 | | 8.2.6 | Initiative Coordination Meeting 6 | RDK | | 1 hr |
| 418 | | 8.2.7 | Initiative Coordination Meeting 7 | RDK | | 1 hr |
| 419 | | 8.2.8 | Initiative Coordination Meeting 8 | RDK | | 1 hr |

| ID | | WBS | Task Name | Contact | Resource Initials | Duration |
|-----|----|------------|--|------------|-------------------|-------------------|
| 420 | ✓ | 8.2.9 | Initiative Coordination Meeting 9 | RDK | | 1 hr |
| 421 | ✓ | 8.2.10 | Initiative Coordination Meeting 10 | RDK | | 1 hr |
| 422 | ✓ | 8.2.11 | Initiative Coordination Meeting 11 | RDK | | 1 hr |
| 423 | ✓ | 8.2.12 | Initiative Coordination Meeting 12 | RDK | | 1 hr |
| 424 | ✓ | 8.2.13 | Initiative Coordination Meeting 13 | RDK | | 1 hr |
| 425 | ✓ | 8.2.16 | Initiative Coordination Meeting 14 | RDK | | 1 hr |
| 426 | ✓ | 8.2.14 | Initiative Coordination Meeting 15 | RDK | | 1 hr |
| 427 | ✓ | 8.2.17 | Initiative Coordination Meeting 16 | RDK | | 1 hr |
| 428 | ✓ | 8.2.15 | Initiative Coordination Meeting 17 | RDK | | 1 hr |
| 429 | ✓ | 8.2.19 | Initiative Coordination Meeting 18 | RDK | | 1 hr |
| 430 | 📅 | 8.2.20 | Initiative Coordination Meeting 19 | RDK | | 1 hr |
| 431 | 📅 | 8.2.21 | Initiative Coordination Meeting 20 | RDK | | 1 hr |
| 432 | 📅 | 8.2.22 | Initiative Coordination Meeting 21 | RDK | | 1 hr |
| 433 | ✓ | 8.3 | Project Planning | RDK | | 78.9 days |
| 434 | ✓📅 | 8.3.1 | WBS/Schedule v0.8 for 3/7 objectives | RDK | RDK | 10 days |
| 435 | ✓📅 | 8.3.2 | milestone: WBS/Schedule v0.8, begin weekly status'ing | RDK | | 0 days |
| 436 | ✓ | 8.3.3 | WBS/Schedule v0.9 for 5/7 objectives | RDK | RDK | 13 days |
| 437 | ✓📅 | 8.3.4 | milestone: Plan v0.9 sufficient to drive near-term work | RDK | | 0 days |
| 438 | ✓ | 8.3.5 | Draft WBS/Schedule v1.0 for 7/7 objectives | RDK | RDK,GG | 32 days |
| 439 | ✓ | 8.3.6 | Big Baseline Planning Meeting | RDK | | 1 day |
| 440 | ✓ | 8.3.7 | Create Baseline Project Plan v1.0 | RDK | RDK | 2 days |
| 441 | ✓📅 | 8.3.8 | MILE 6: Baseline Project Plan v1.0 released | RDK | | 0 days |
| 442 | ✓ | 8.3.9 | Baseline Project Plan: Executive Presentations | RDK | RDK | 4 days |
| 443 | ✓ | 8.3.12 | Baseline Project Plan v1.0: Integrate feed-back | RDK | RDK | 2 days |
| 444 | ✓ | 8.3.13 | Baseline Plan Project v1.1: Drop tasks pushed out past end of Initiative | RDK | RDK | 2 days |
| 445 | ✓📅 | 8.3.14 | MILE 8: Project Plan v1.1 | RDK | | 0 days |
| 446 | | 8.4 | Project Administration | RDK | | 154.9 days |
| 447 | ✓ | 8.4.1 | Planning Phase (Level of Effort = 5%) | RDK | RDK | 48 days |
| 448 | | 8.4.2 | Execution Phase (Level of Effort >= 15%) | RDK | RDK | 87 days |
| 449 | | 8.5 | Project Close-out | RDK | | 10 days |
| 450 | 📅📅 | 8.5.1 | Project Close-out Meeting | RDK | RDK | 1 day |
| 451 | | 8.5.2 | Project Close-out Report | RDK | RDK | 5 days |
| 452 | | 8.5.3 | Project Close-out Report Approval: ABS, CD | RDK | ASB,RDK | 3 days |
| 453 | | 8.5.4 | Archive project artifacts | RDK | RDK | 1 day |
| 454 | | 8.5.5 | milestone: Initiative Closed-out | RDK | | 0 days |
| 455 | | 9 | MILE 29: D0 GPC Initiative completed | ASB | | 0 days |

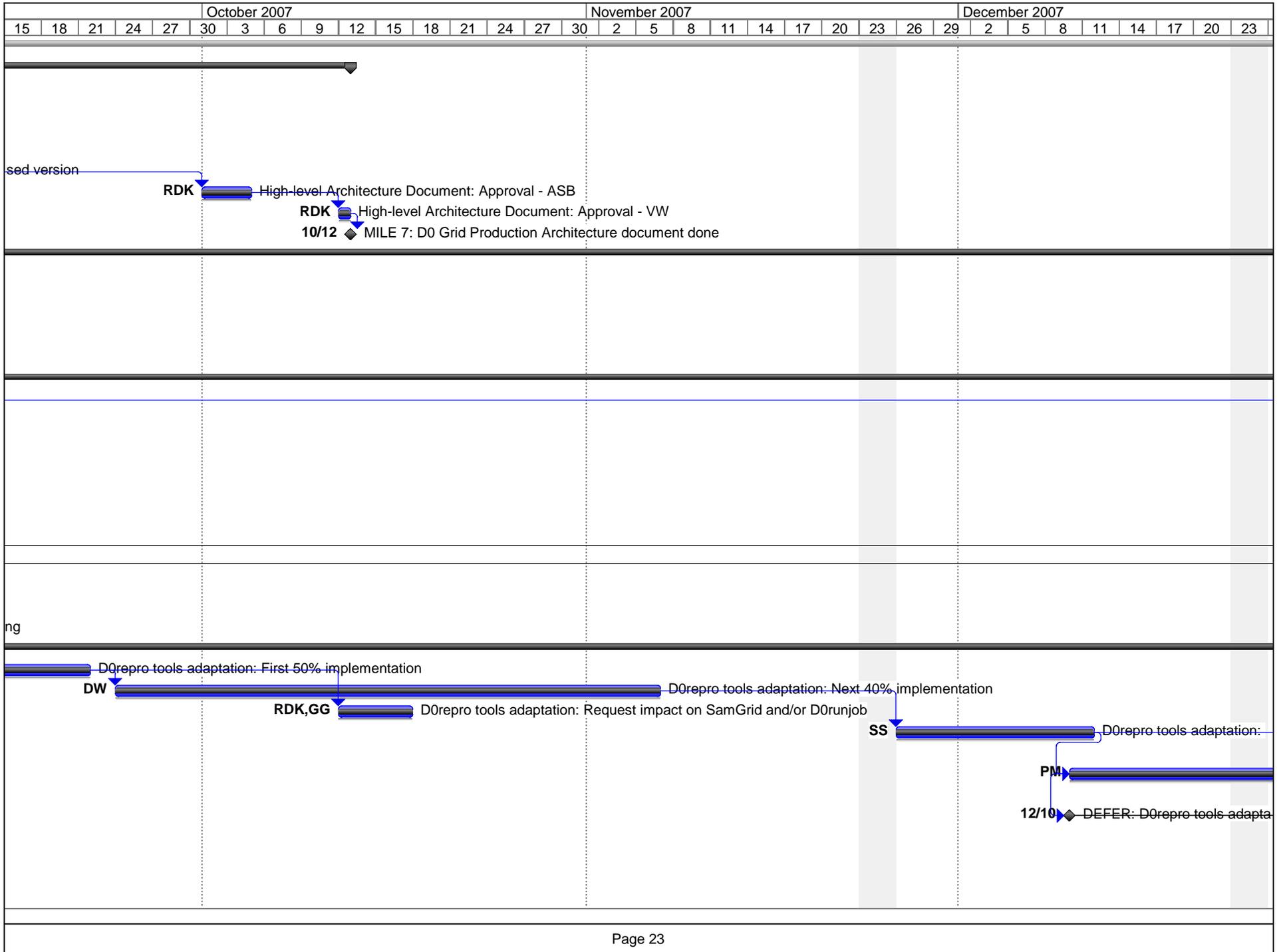


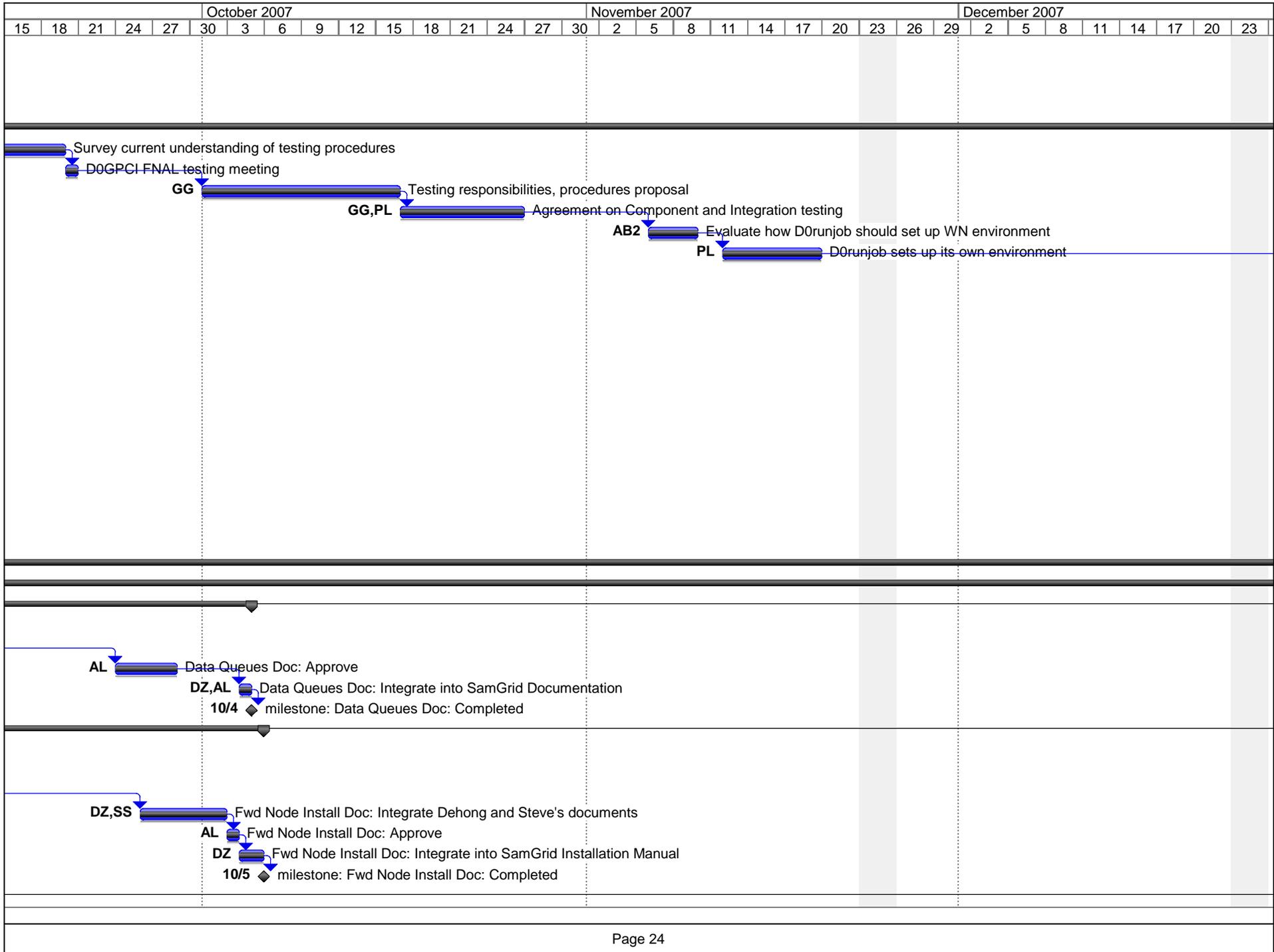


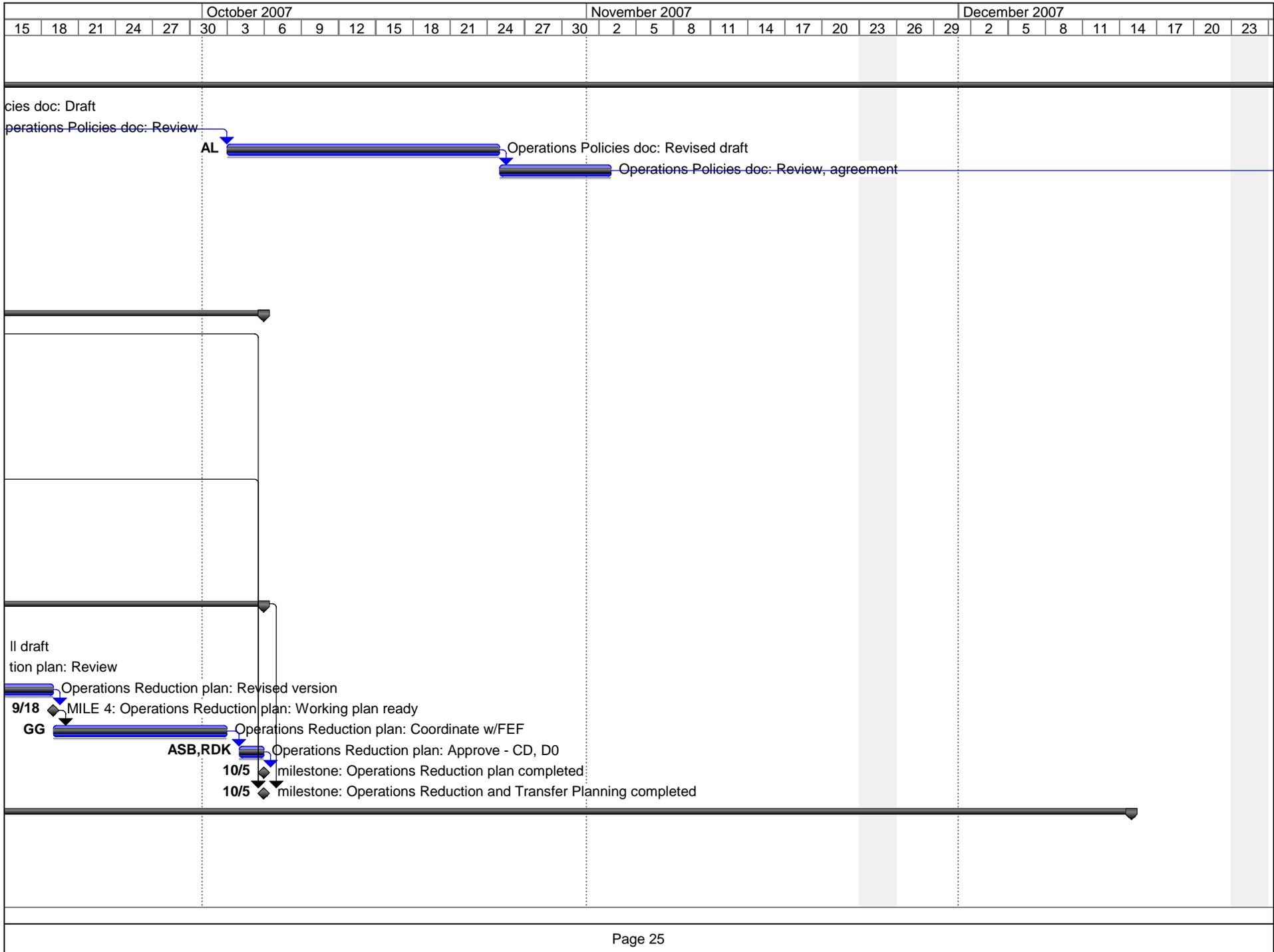
| Start | Finish | July 2007 | | | | | | | | | | | | | | August 2007 | | | | | | | | | | | | September 2007 | | | | |
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| | | 23 | 26 | 29 | 2 | 5 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 1 | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 31 | 3 | 6 | 9 | 12 | | | |
| Mon 10/29/07 | Tue 10/30/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 10/31/07 | Wed 10/31/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 11/1/07 | Thu 11/1/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 11/2/07 | Fri 11/2/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/5/07 | Mon 11/5/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/5/07 | Mon 11/5/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 11/6/07 | Tue 11/6/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 11/6/07 | Tue 11/6/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 11/6/07 | Tue 11/6/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 11/7/07 | Fri 11/9/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/12/07 | Fri 11/16/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/19/07 | Fri 12/21/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/26/07 | Tue 12/4/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/7/08 | Tue 1/15/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 1/15/08 | Tue 1/15/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/19/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 11/19/07 | Mon 12/3/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 12/3/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 12/3/07 | Mon 12/3/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 12/3/07 | Mon 12/3/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 12/3/07 | Mon 12/3/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/7/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 2/28/08 | Thu 2/28/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/28/08 | Fri 2/15/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 2/1/08 | Fri 2/8/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 2/11/08 | Mon 2/11/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/28/08 | Fri 2/8/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 2/12/08 | Tue 2/12/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 2/13/08 | Wed 2/13/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 2/14/08 | Fri 2/15/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 2/15/08 | Fri 2/15/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/7/08 | Wed 2/20/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/7/08 | Wed 2/20/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/7/08 | Tue 1/8/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 1/24/08 | Tue 1/29/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 2/4/08 | Tue 2/5/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

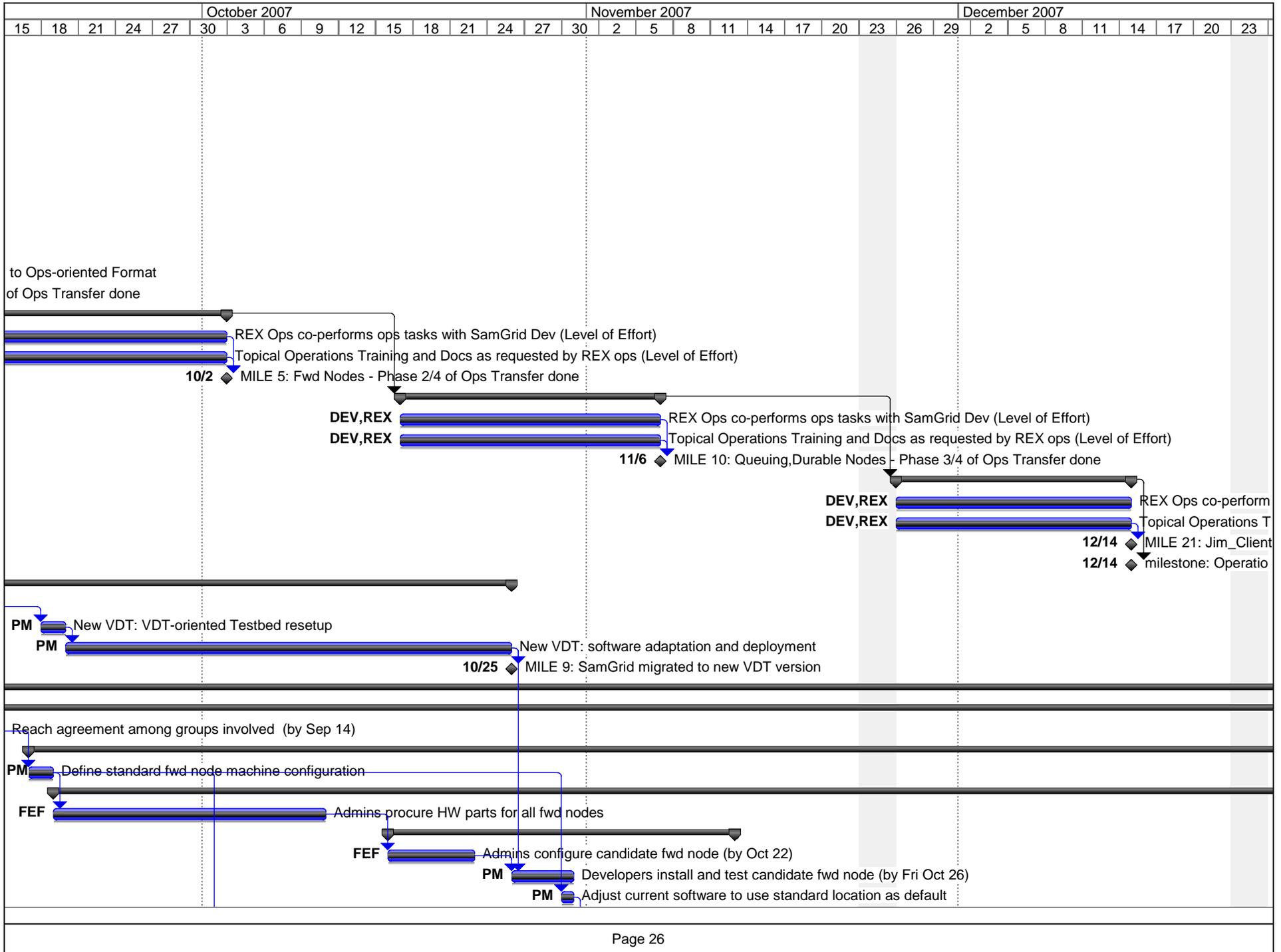
| Start | Finish | July 2007 | | | | | | | | | | | | | | August 2007 | | | | | | | | | | | | September 2007 | | | | |
|---------------------|---------------------|-----------|----|----|---|---|---|----|----|----|----|----|----|----|---|-------------|---|----|----|----|----|----|----|----|----|---|---|----------------|----|--|--|--|
| | | 23 | 26 | 29 | 2 | 5 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 1 | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 31 | 3 | 6 | 9 | 12 | | | |
| Wed 2/6/08 | Fri 2/8/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 2/18/08 | Wed 2/20/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 1/9/08 | Thu 2/7/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 1/9/08 | Wed 1/9/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 1/10/08 | Thu 1/10/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 1/11/08 | Fri 1/11/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 1/30/08 | Thu 2/7/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 2/15/08 | Tue 2/19/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/7/08 | Fri 1/11/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/14/08 | Mon 1/14/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 2/20/08 | Wed 2/20/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 9/5/07 | Wed 1/23/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 9/5/07 | Wed 9/5/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 10/9/07 | Tue 10/9/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 11/6/07 | Mon 12/3/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 12/12/07 | Fri 12/21/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 1/7/08 | Wed 1/23/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 1/23/08 | Wed 1/23/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 11/7/07 | Tue 12/11/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 11/7/07 | Tue 11/13/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 11/21/07 | Fri 11/30/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 12/3/07 | Fri 12/7/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 12/10/07 | Tue 12/11/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 9/19/07 | Mon 2/4/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 9/19/07 | Fri 12/21/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 9/19/07 | Wed 9/19/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 9/20/07 | Thu 9/20/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 9/21/07 | Fri 9/21/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 9/24/07 | Fri 9/28/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 10/24/07 | Tue 10/30/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 12/12/07 | Fri 12/21/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 12/21/07 | Fri 12/21/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 9/24/07 | Thu 10/18/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 9/24/07 | Fri 10/5/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 10/8/07 | Fri 10/12/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mon 10/15/07 | Mon 10/15/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tue 10/16/07 | Tue 10/16/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wed 10/17/07 | Wed 10/17/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 10/18/07 | Thu 10/18/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thu 10/18/07 | Thu 10/18/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 10/19/07 | Tue 11/6/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fri 10/19/07 | Fri 10/19/07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

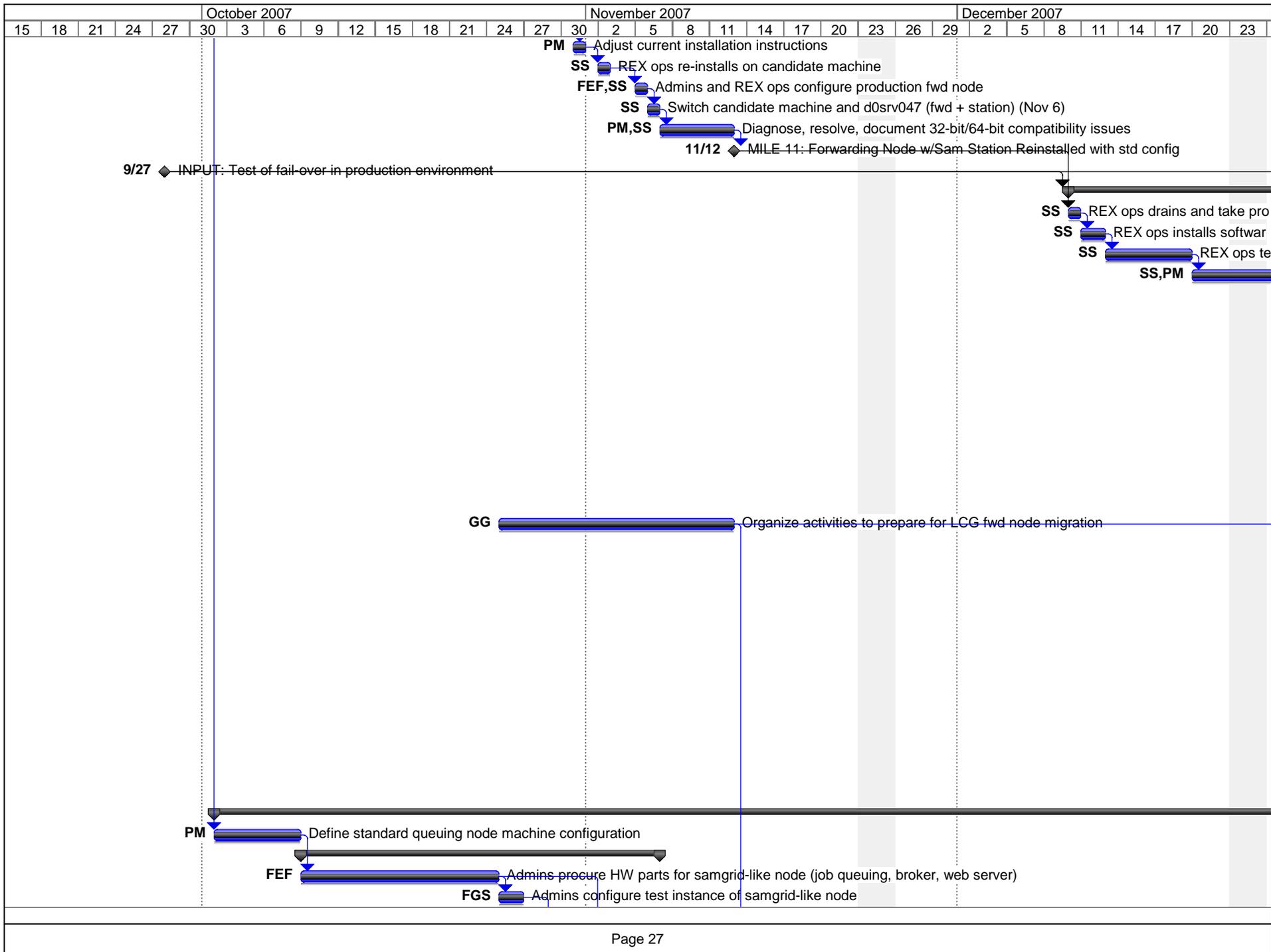
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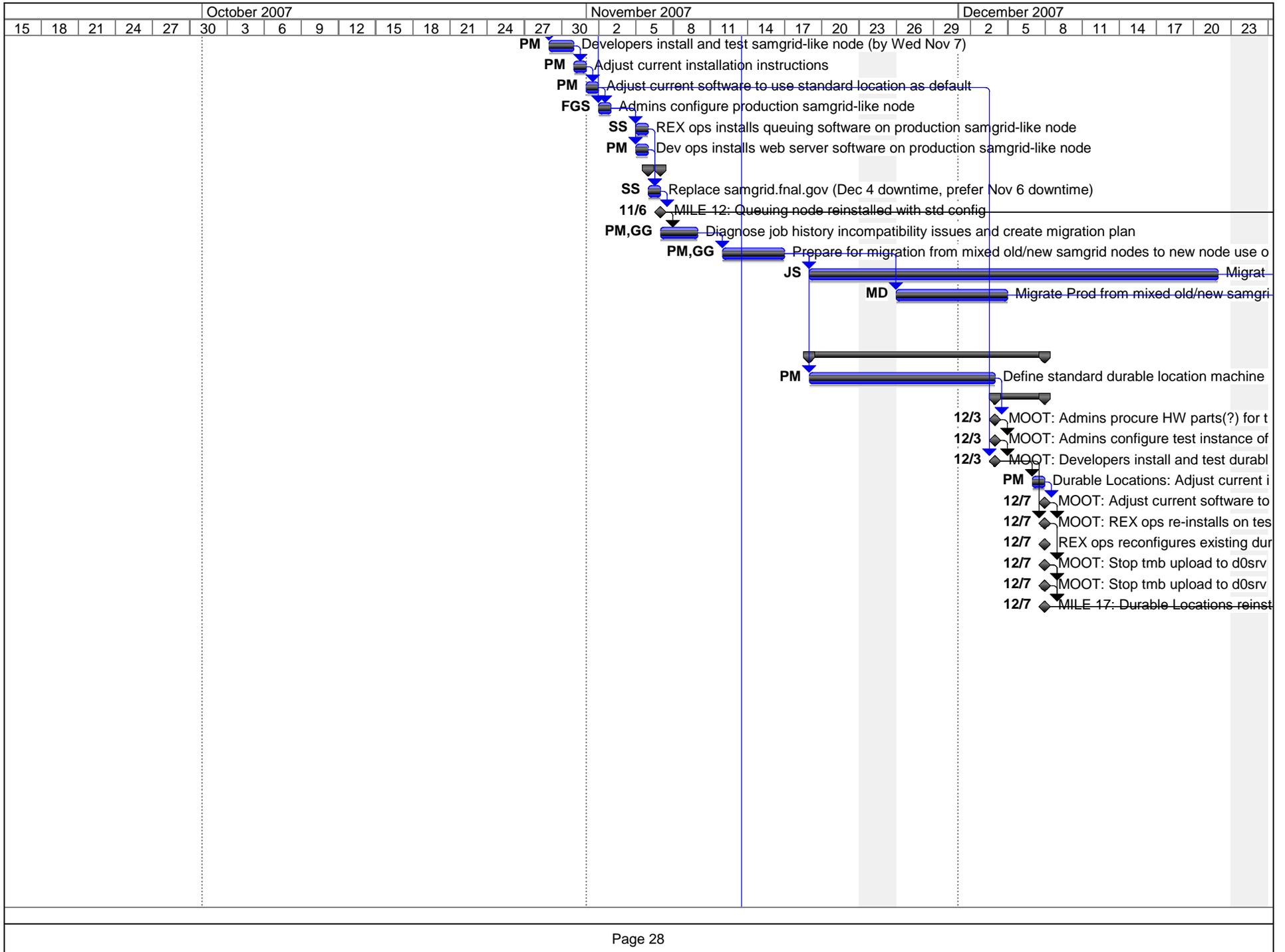


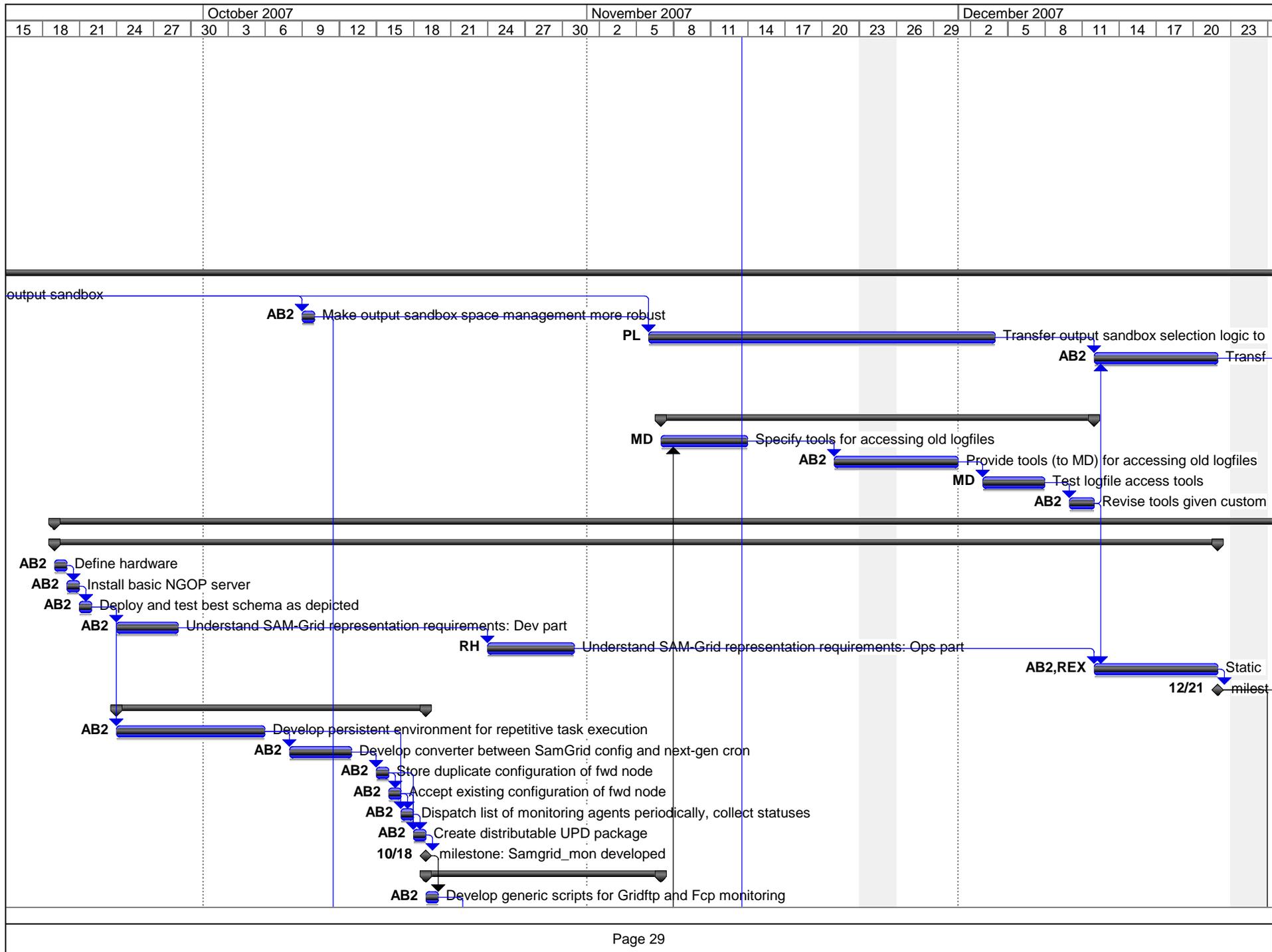


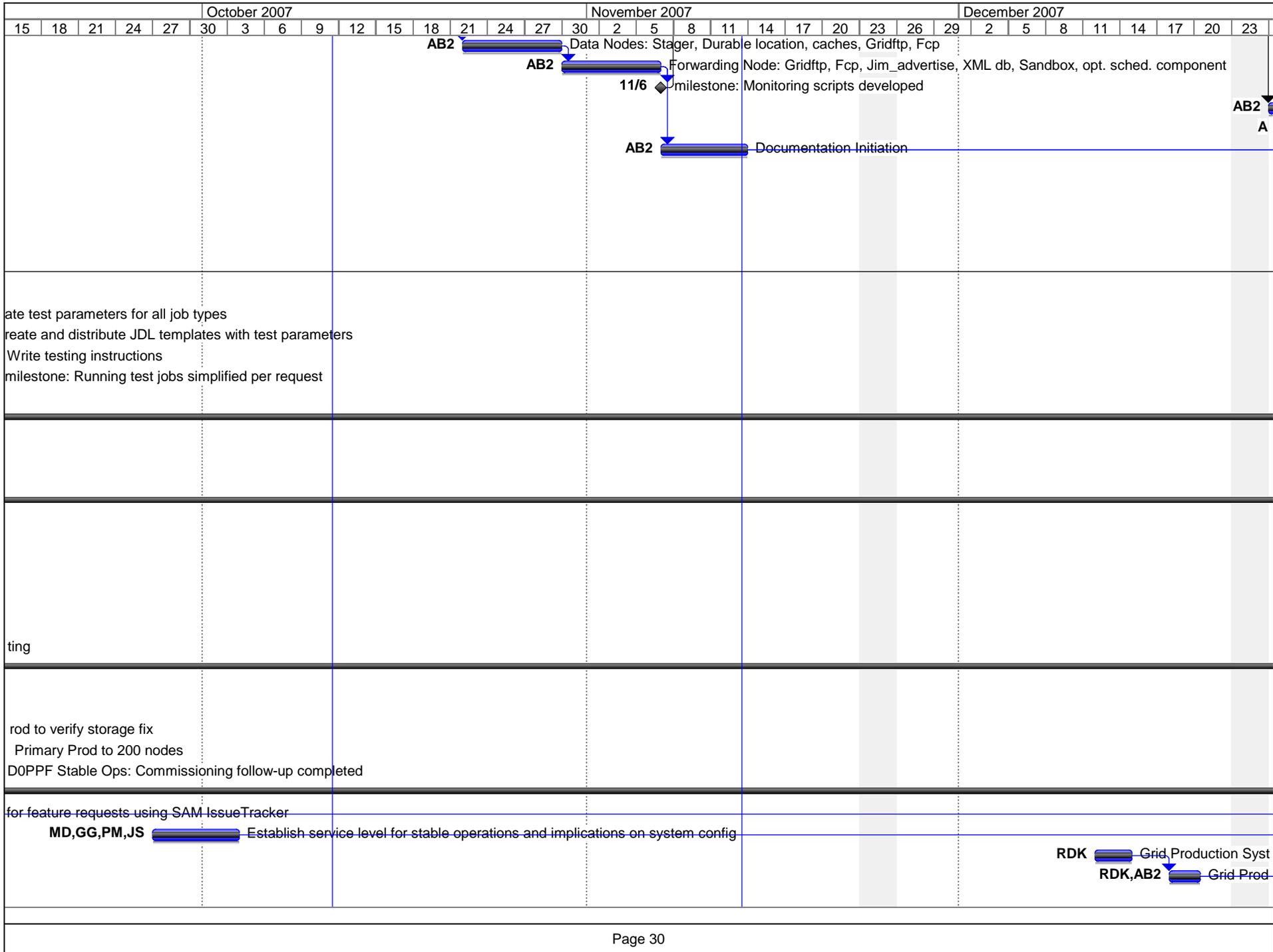


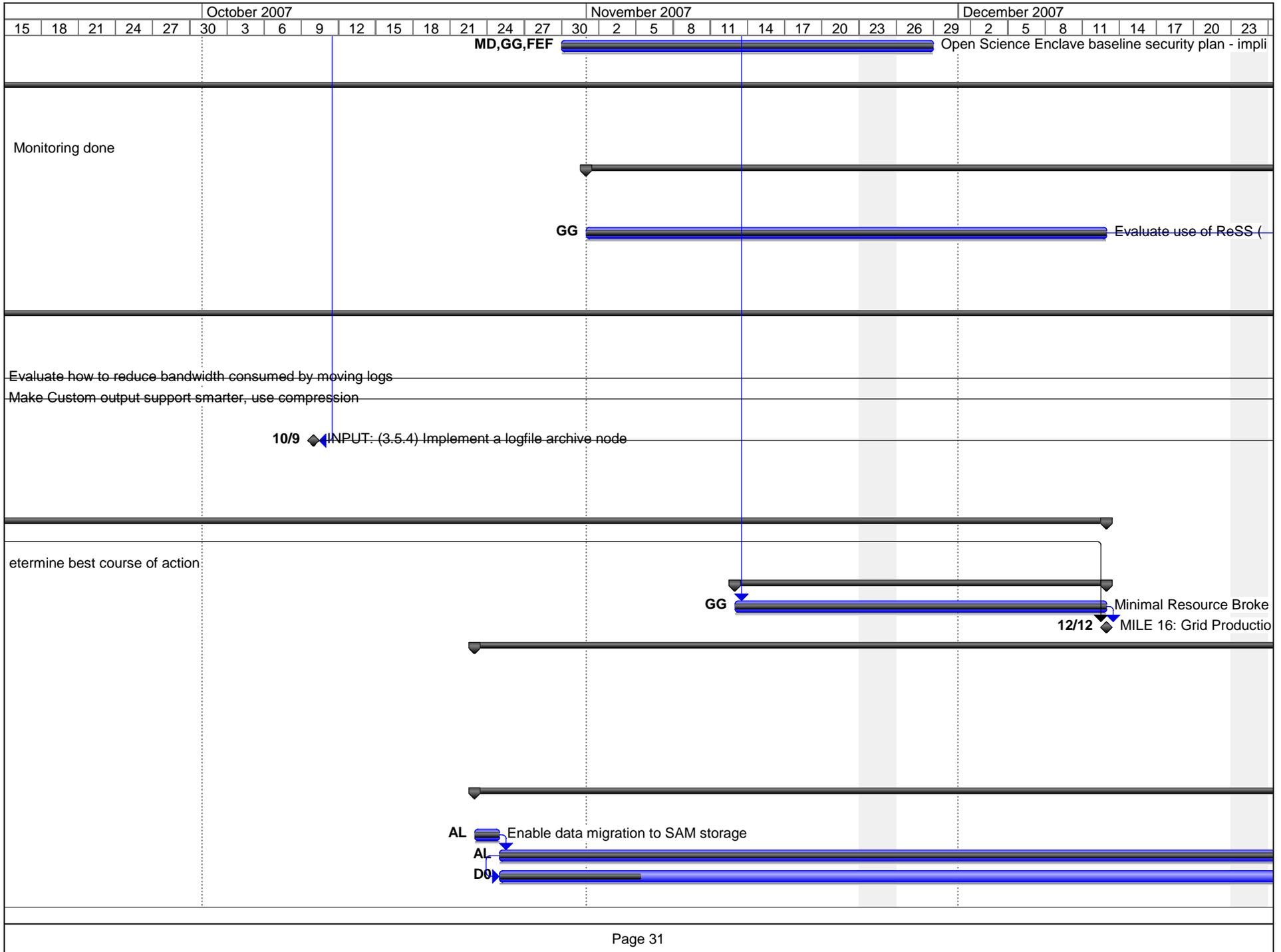


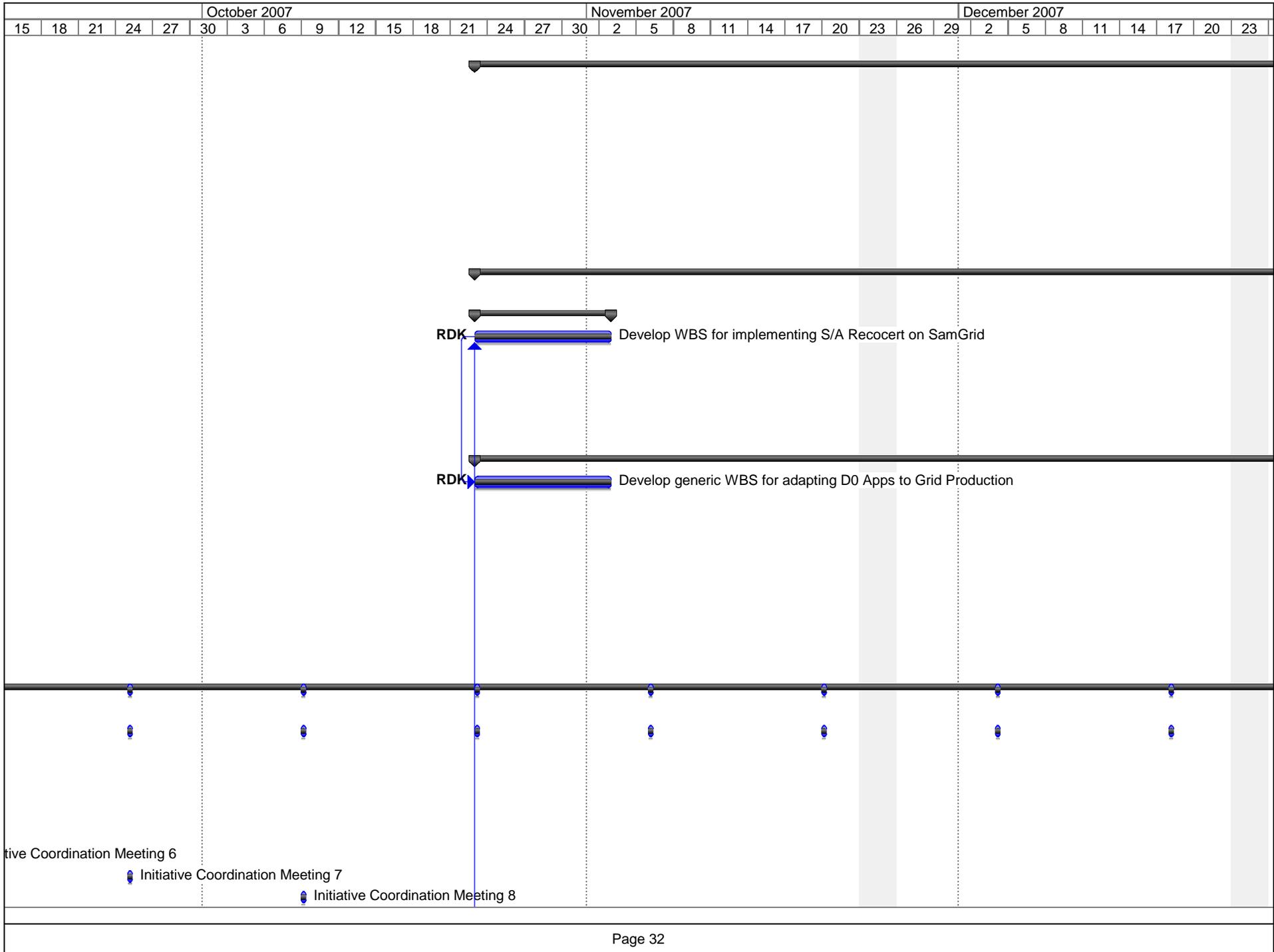


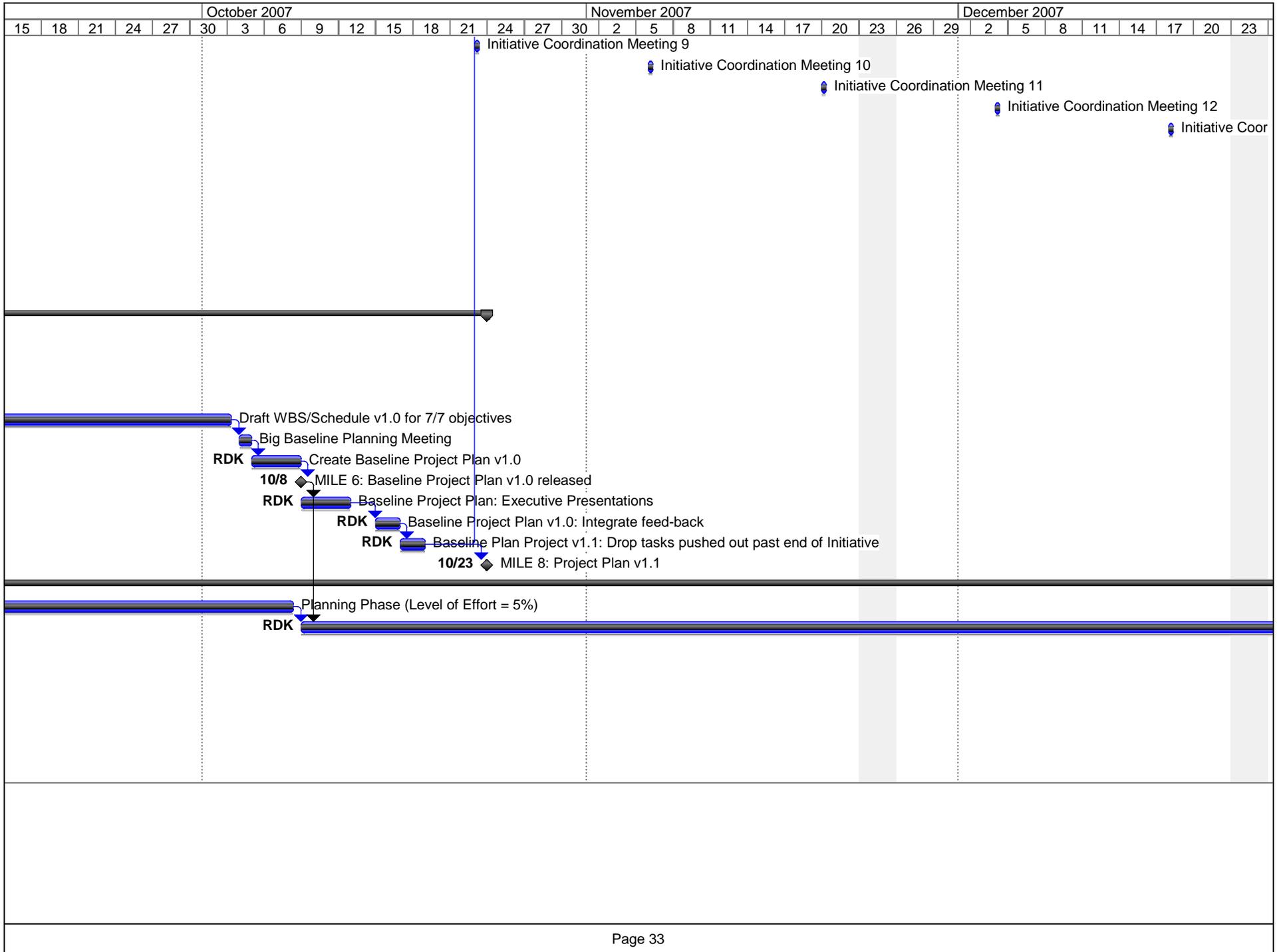


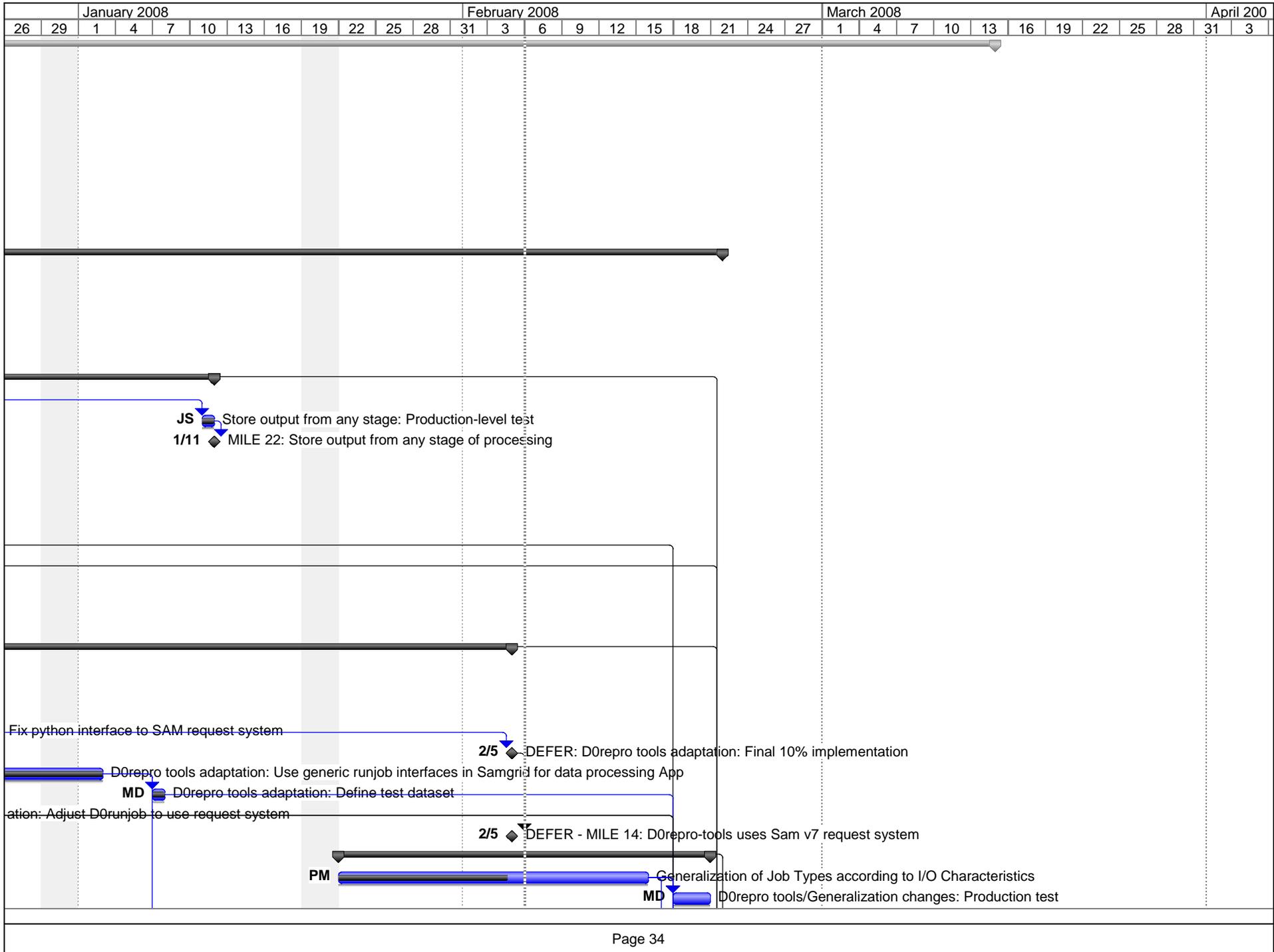


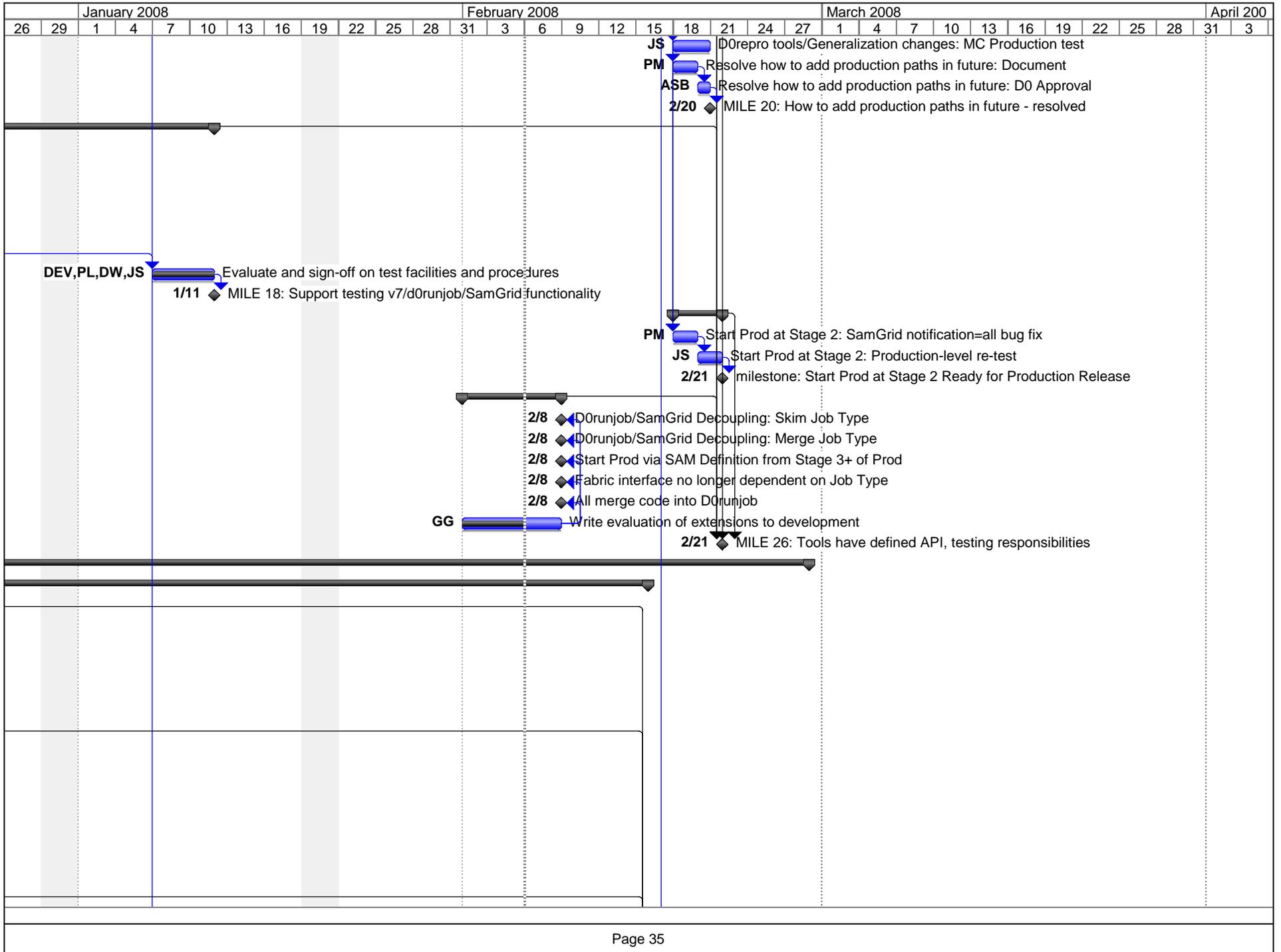


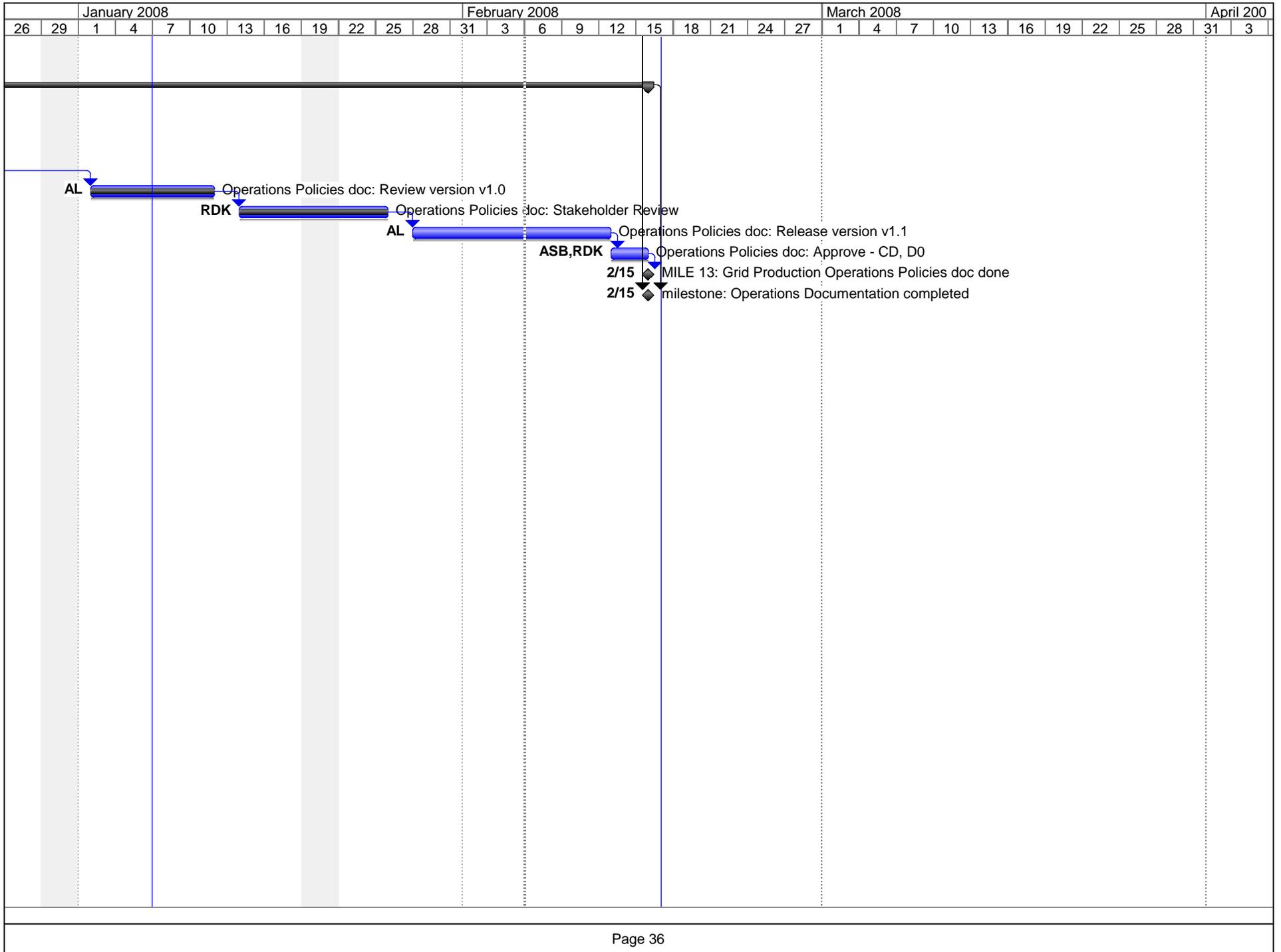




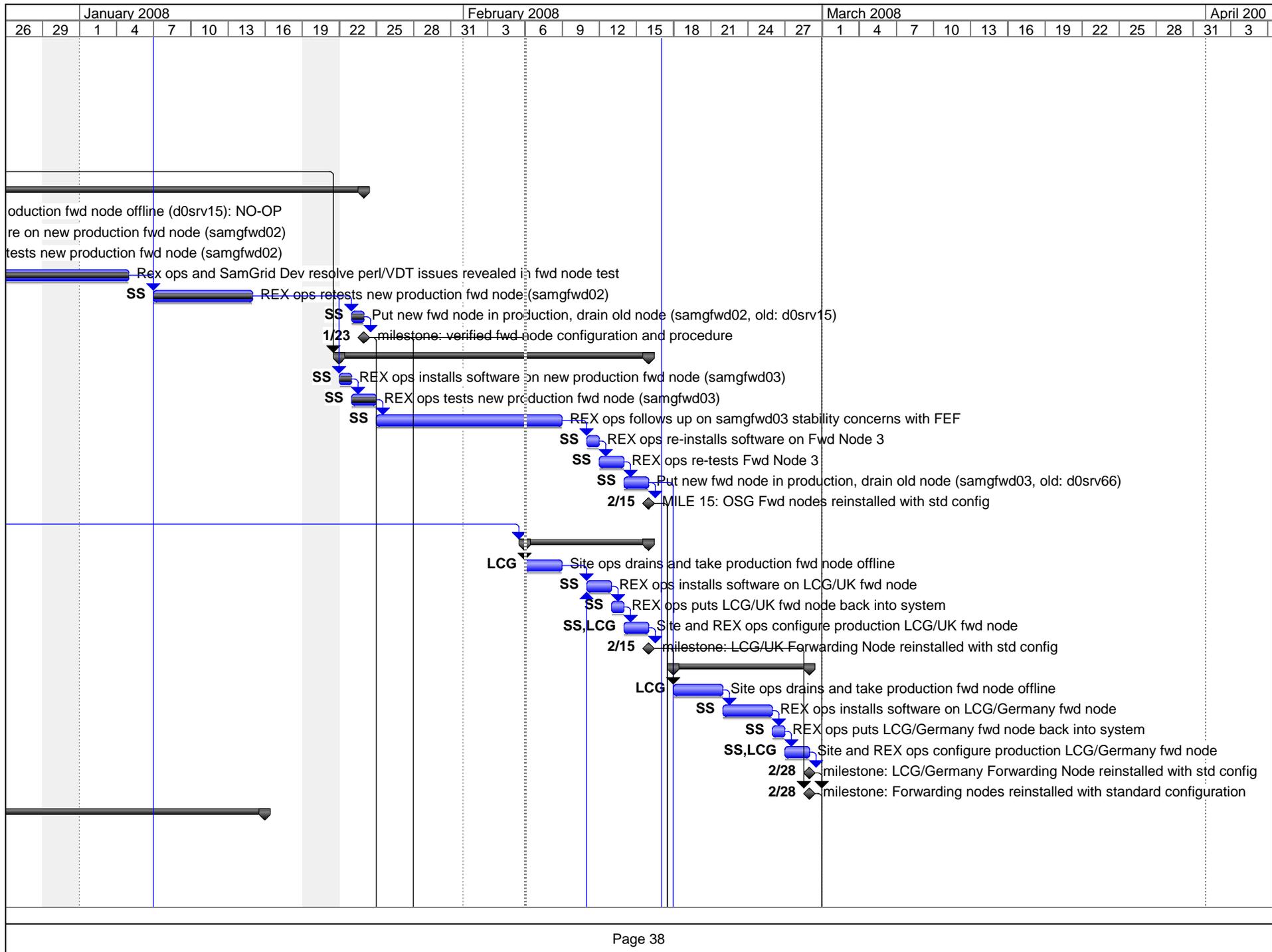


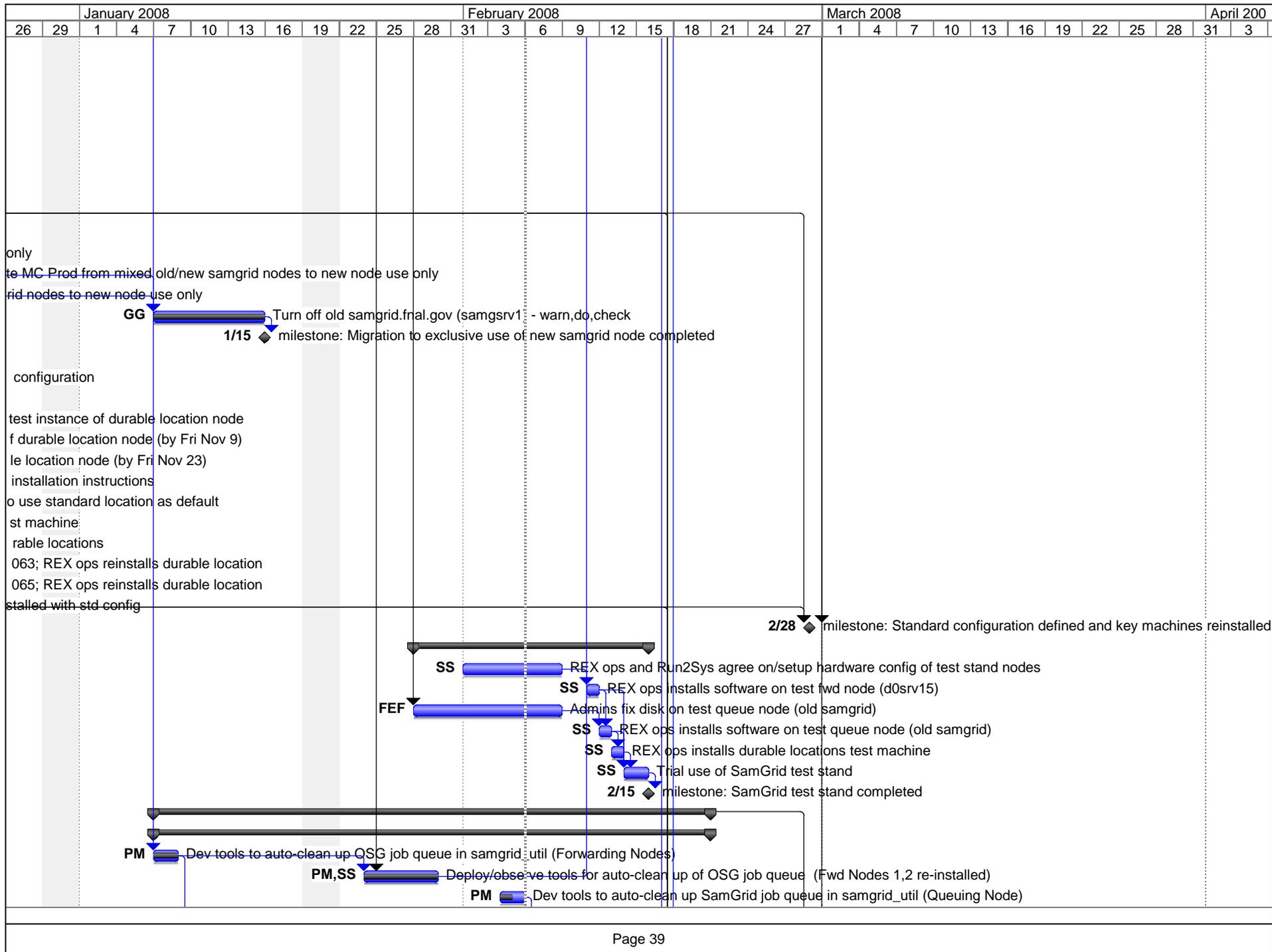


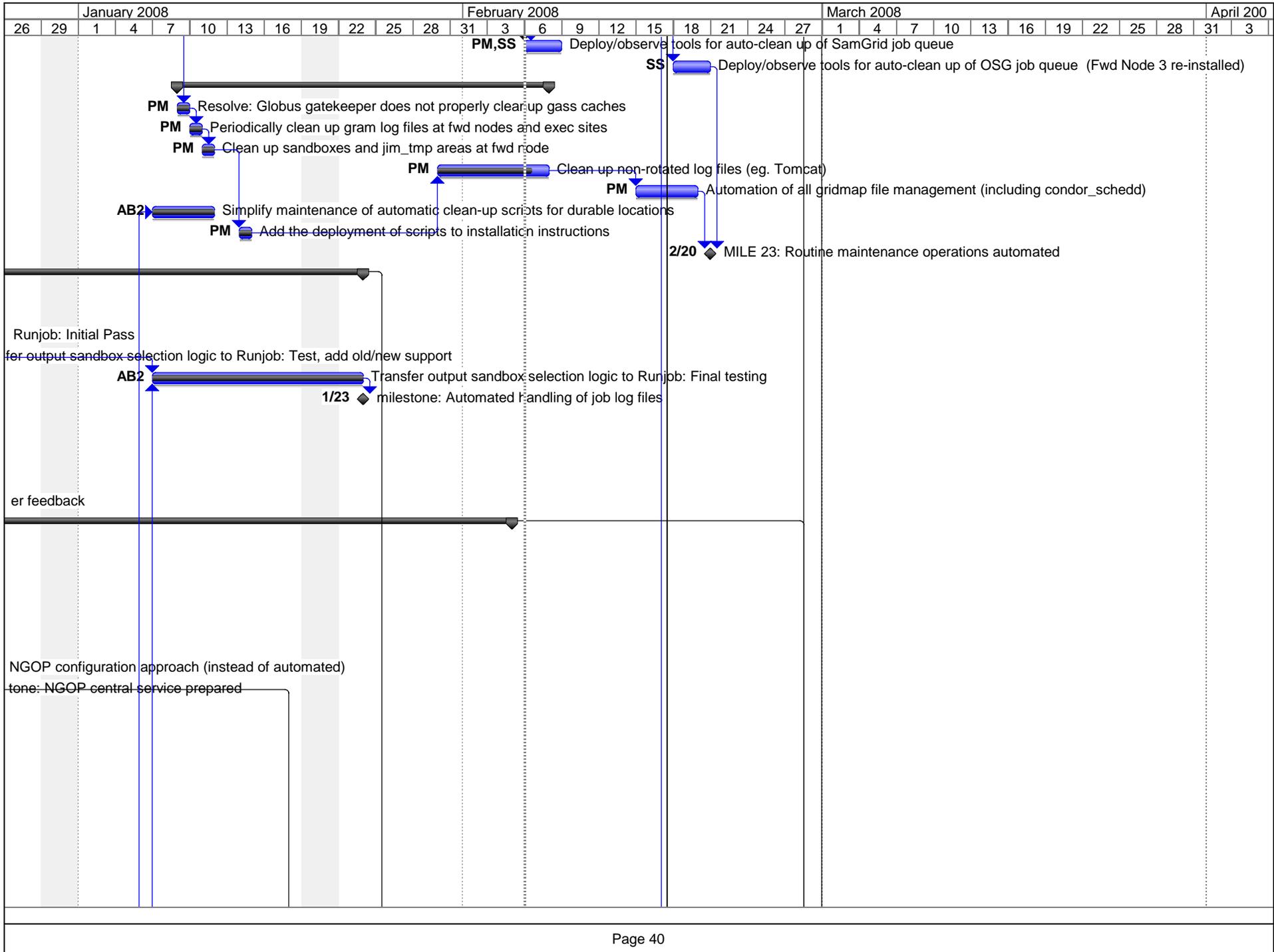


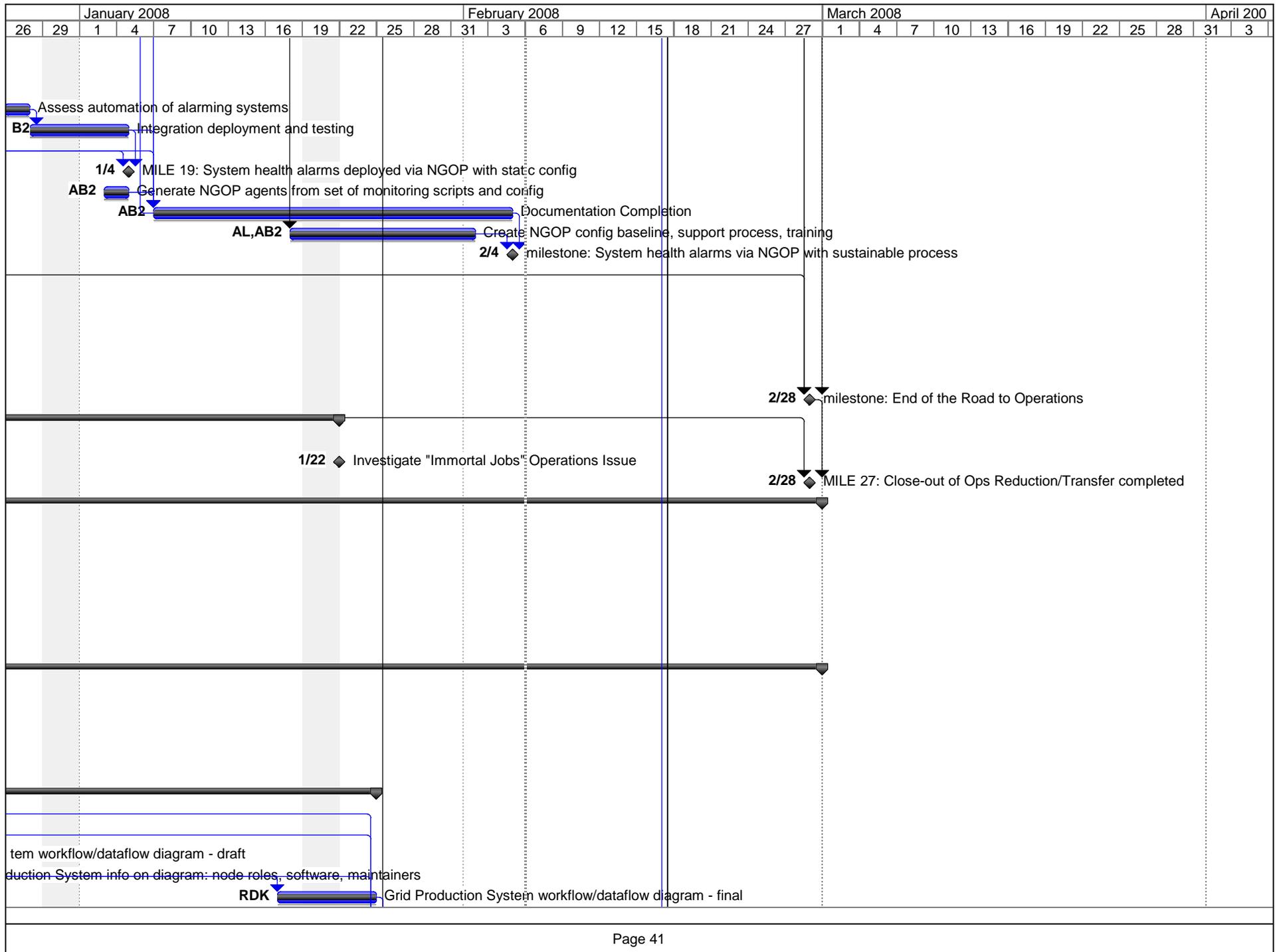


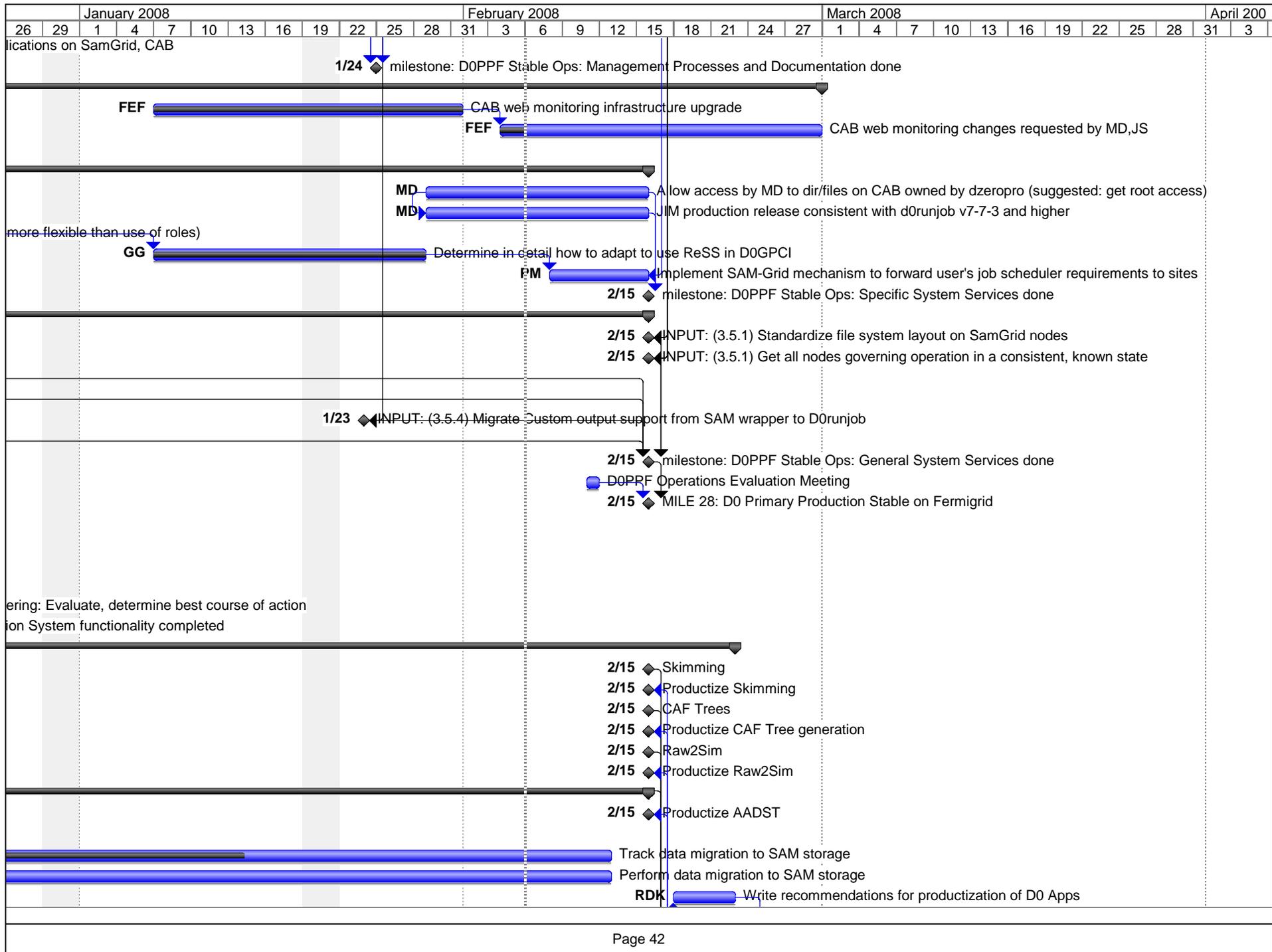
| January 2008 | | | | | | | February 2008 | | | | | | | March 2008 | | | | | | | April 2008 | | | | | | | | | | | | |
|--|----|---|---|---|----|----|---------------|----|----|----|----|----|---|------------|---|----|----|----|----|----|------------|---|---|---|----|----|----|----|----|----|----|----|---|
| 26 | 29 | 1 | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 31 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 1 | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 31 | 3 |
| <p>s ops tasks with SamGrid Dev (Level of Effort)</p> <p>Training and Docs as requested by REX ops (Level of Effort)</p> <p>Phase 4/4 of Ops Transfer done</p> <p>Ops Transfer nominally completed</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

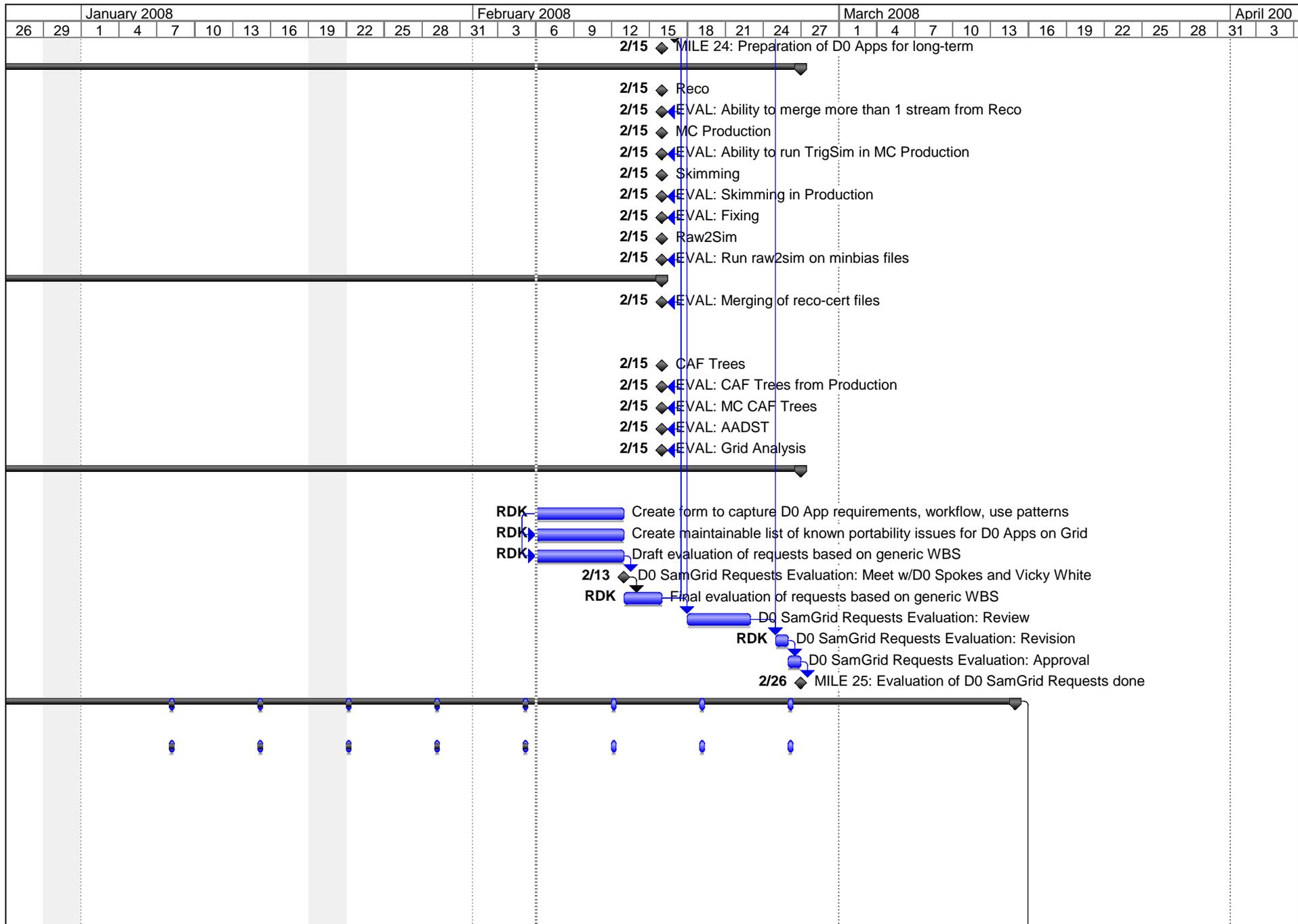


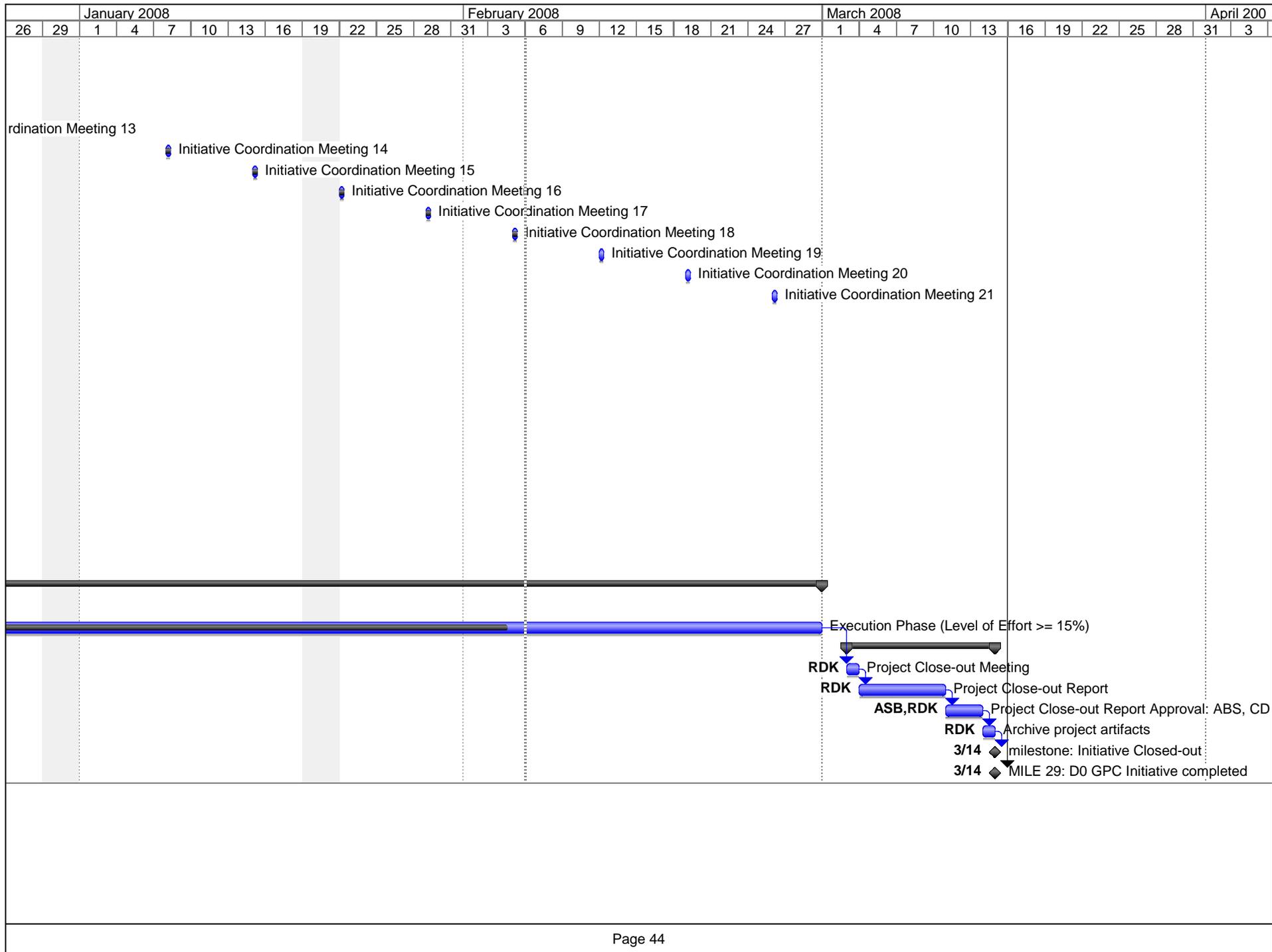












Project: D0 Grid Production Computin
Date: Wed 2/6/08

Task



Split



Progress



Milestone



Summary



Project Summary



External Tasks



External Milestone



Deadline

